

60. $\sqrt{6354} \times 34.993 = ?$

- (a) 3000 (b) 2800
(c) 2500 (d) 3300
(e) 2600

DIRECTIONS (Qs. 61–65) : In the following number series only one number is wrong. Find out the wrong number.

61. 9050 5675 3478 2147 1418 1077 950

- (a) 3478 (b) 1418
(c) 5675 (d) 2147
(e) 1077

62. 7 12 40 222 1742 17390 208608

- (a) 7 (b) 12
(c) 40 (d) 1742
(e) 208608

63. 6 91 584 2935 11756 35277 70558

- (a) 91 (b) 70558
(c) 584 (d) 2935
(e) 35277

64. 1 4 25 256 3125 46656 823543

- (a) 3125 (b) 823543
(c) 46656 (d) 25
(e) 256

65. 8424 4212 2106 1051 526.5 263.25 131.625

- (a) 131.625 (b) 1051
(c) 4212 (d) 8424
(e) 263.25

66. Six-eleventh of a number is equal to twenty-two percent of second number. Second number is equal to the one-fourth of third number. The value of the third number is 2400. What is the 45% of first number?

- (a) 109.8 (b) 111.7
(c) 117.6 (d) 123.4
(e) None of these

67. An HR Company employs 4800 people, out of which 45 percent are males and 60 percent of the males are either 25 years or older. How many males are employed in that HR Company who are younger than 25 years ?

- (a) 2640 (b) 2160
(c) 1296 (d) 864
(e) None of these

68. The average marks in English subject of a class of 24 students is 56. If the marks of three students were misread as 44, 45 and 61 of the actual marks 48, 59 and 67 respectively, then what would be the correct average?

- (a) 56.5 (b) 59
(c) 57.5 (d) 58
(e) None of these

69. In a test, a candidate secured 468 marks out of maximum marks 'A'. If the maximum marks 'A' were converted to 700 marks, he would have secured 336 marks. What were the maximum marks of the test?

- (a) 775 (b) 875
(c) 975 (d) 1075
(e) None of these

70. The simple interest accrued on an amount of ₹ 22,500 at the end of four years is ₹ 10,800. What would be the compound interest accrued on the same amount at the same rate at the end of two years ?

- (a) ₹ 16,908 (b) ₹ 5,724
(c) ₹ 28,224 (d) ₹ 8,586
(e) None of these

71. Rubina could get equal number of ₹ 55, ₹ 85 and ₹ 105 tickets for a movie. She spends ₹ 2940 for all the tickets. How many of each did she buy?

- (a) 12 (b) 14
(c) 16 (d) Cannot be determined
(e) None of these

72. Ramola's monthly income is three times Ravina's monthly income. Ravina's monthly income is fifteen percent more than Ruchira's monthly income. Ruchira's monthly income is ₹ 32,000. What is Ramola's annual income ?

- (a) ₹ 1,10,400 (b) ₹ 13,24,800
(c) ₹ 36,800 (d) ₹ 52,200
(e) None of these

73. In an Entrance Examination Ritu scored 56 percent marks, Smita scored 92 percent marks and Rina scored 634 marks. The maximum marks of the examination are 875. What are the average marks scored by all the three girls together?

- (a) 1929 (b) 815
(c) 690 (d) 643
(e) None of these

74. The respective ratio between the present age of Manisha and Deepali is 5 : X. Manisha is 9 years younger than Parineeta. Parineeta's age after 9 years will be 33 years. The difference between Deepali's and Manisha's age is same as the present age of Parineeta. What will come in place of X?

- (a) 23 (b) 39
(c) 15 (d) Cannot be determined
(e) None of these

75. Seema bought 20 pens, 8 packets of wax colours, 6 calculators and 7 pencil boxes. The price of one pen is ₹ 7, one packet of wax colour is ₹ 22, one calculator is ₹ 175 and one pencil box is ₹ 14 more than the combined price of one pen and one packet of wax colours. How much amount did Seema pay to the shopkeeper?

- (a) ₹ 1,491 (b) ₹ 1,725
(c) ₹ 1,667 (d) ₹ 1,527
(e) None of these

DIRECTIONS (Qs. 76-80) : Study the given information carefully to answer the questions that follow.

An urn contains 4 green, 5 blue, 2 red and 3 yellow marbles.

76. If four marbles are drawn at random, what is the probability that two are blue and two are red?
- (a) $\frac{10}{1001}$ (b) $\frac{9}{14}$
 (c) $\frac{17}{364}$ (d) $\frac{2}{7}$
 (e) None of these
77. If eight marbles are drawn at random, what is the probability that there are equal number of marbles of each colour?
- (a) $\frac{4}{7}$ (b) $\frac{361}{728}$
 (c) $\frac{60}{1001}$ (d) $\frac{1}{1}$
 (e) None of these
78. If two marbles are drawn at random, what is the probability that both are red or at least one is red?
- (a) $\frac{26}{91}$ (b) $\frac{1}{7}$
 (c) $\frac{199}{364}$ (d) $\frac{133}{191}$
 (e) None of these
79. If three marbles are drawn at random, what is the probability that at least one is yellow?
- (a) $\frac{1}{3}$ (b) $\frac{199}{364}$
 (c) $\frac{165}{364}$ (d) $\frac{3}{11}$
 (e) None of these
80. If three marbles are drawn at random, what is the probability that none is green?
- (a) $\frac{2}{7}$ (b) $\frac{253}{728}$
 (c) $\frac{10}{21}$ (d) $\frac{14}{91}$
 (e) None of these

DIRECTIONS (Qs. 81-85) : Study the table carefully to answer the questions that follow :

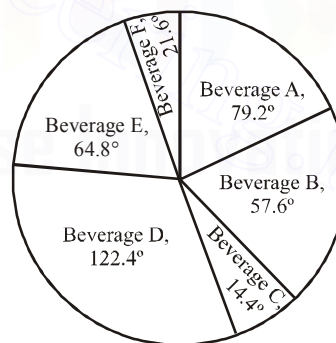
Number of people visiting six different Super-markets and the percentage of men, women and children visiting those Super-markets.

Names of the Super-markets	Total number of people	Percentage of		
		Men	Women	Children
A	34560	35	55	10
B	65900	37	43	20
C	45640	35	45	20
D	55500	41	26	33
E	42350	6	70	24
F	59650	24	62	14

81. What is the respective ratio of number of women visiting Super-markets A to those visiting Super-market C?
- (a) 35 : 37 (b) 245 : 316
 (c) 352 : 377 (d) 1041 : 1156
 (e) None of these
82. Number of men visiting Super-market D forms approximately what percent of the total number of people visiting all the Super-markets together?
- (a) 11 (b) 5.5
 (c) 13 (d) 9
 (e) 7.5
83. Number of children visiting Super-market C forms what percent of number of children visiting super market F? (rounded off to two digits after decimal)
- (a) 91.49 (b) 49.85
 (c) 121.71 (d) 109.30
 (e) None of these
84. What is the total number of children visiting Super-markets B and D together?
- (a) 18515 (b) 28479
 (c) 31495 (d) 22308
 (e) None of these
85. What is the average number of women visiting all the Super-markets together?
- (a) 24823.5 (b) 22388.5
 (c) 26432.5 (d) 20988.5
 (e) None of these

DIRECTIONS (Qs. 86-90) : Study the following pie-chart and answer the questions given below:

Preferences of students among six beverages in terms of degree of angle in the pie-chart
Total no. of students = 6800



86. The number of students who prefer Beverage C are approximately what percent of the number of students who prefer Beverage D?
- (a) 7 (b) 12 (c) 18
 (d) 22 (e) 29
87. How many students prefer Beverage B and Beverage E together?
- (a) 2312 (b) 2313 (c) 2315
 (d) 2318 (e) None of these
88. What is the difference between the total number of students who prefer Beverage A and C together and the total number of students who prefer Beverage D and F together?
- (a) 959 (b) 955 (c) 952
 (d) 954 (e) None of these

89. The number of students who prefer Beverage E and F together are what percent of the total number of students?
 (a) 18 (b) 14 (c) 26
 (d) 24 (e) None of these
90. What is the respective ratio between the number of students who prefer Beverage F and the number of students who prefer Beverage A ?
 (a) 3 : 11 (b) 3 : 13 (c) 6 : 11
 (d) 5 : 11 (e) None of these

DIRECTIONS (Qs. 91-95) : Study the table carefully to answer the questions that follow :

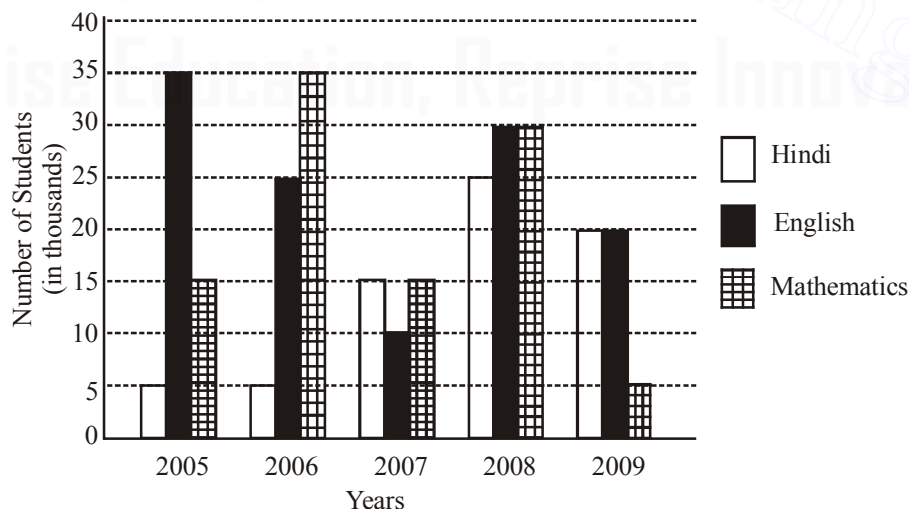
Percentage of Marks Obtained by Different Students in Different Subjects of MBA

Students	SUBJECTS (Maximum Marks)					
	Strategic Management (150)	Brand Management (100)	Compensation Management (150)	Consumer Behaviour (125)	Service Marketing (75)	Training & Development (50)
Anushka	66	75	88	56	56	90
Archit	82	76	84	96	92	88
Arpan	76	66	78	88	72	70
Garvita	90	88	96	76	84	86
Gunit	64	70	68	72	68	74
Pranita	48	56	50	64	64	58

91. How many marks did Anushka get in all the subjects together?
 (a) 369 (b) 463 (c) 558 (d) 496 (e) None of these
92. Who has scored the highest total marks in all the subjects together ?
 (a) Archit (b) Gunit (c) Pranita (d) Garvita (e) Arpan
93. Marks obtained by Garvita in Brand Management are what percent of marks obtained by Archit in the same subject ? (rounded off to two digits after decimal)
 (a) 86.36 (b) 101.71 (c) 115.79 (d) 133.33 (e) None of these
94. How many students have scored the highest marks in more than one subject ?
 (a) Three (b) Two (c) One (d) None (e) None of these
95. What are the average marks obtained by all students together in Compensation Management ?
 (a) 116 (b) 120 (c) 123 (d) 131 (e) None of these

DIRECTIONS (Qs. 96-100) : Study the following graph and answer the questions given below :

No. of students (in thousands) who opted for three different specializations during the given five years in a university



96. The total number of students who opted for Mathematics in the years 2005 and 2008 together are approximately what percent of the total number of students who opted for all three subjects in the same years ?
 (a) 38 (b) 28 (c) 42 (d) 32 (e) 48
97. Out of the total number of students who opted for the given three subjects, in the year 2009, 38% were girls. How many boys opted for Mathematics in the same year ?
 (a) 1322 (b) 1332 (c) 1312 (d) Cannot be determined (e) None of these

98. What is the respective ratio between the number of students who opted for English in the years 2006 and 2008 together and the number of students who opted for Hindi in the year 2005 and 2009 together ?
 (a) 11 : 5 (b) 12 : 7 (c) 11 : 7
 (d) 12 : 5 (e) None of these
99. If the total number of students in the university in the year 2007 was 455030, then, the total number of students who opted for the given three subjects were approximately what percent of the total students ?
 (a) 19 (b) 9 (c) 12
 (d) 5 (e) 23
100. What is the total number of students who opted for Hindi and who opted for Mathematics in the years 2006, 2007 and 2009 together ?
 (a) 97000 (b) 93000 (c) 85000
 (d) 96000 (e) None of these

English Language

DIRECTIONS (Qs. 101-105): In each of the following questions a short passage is given with one of the lines in the passage missing and represented by a blank. Select the best out of the five answer choices given, to make the passage complete and coherent.

101. Women's rights around the world are an important indicator to understand global well-being. A major global women's rights treaty was ratified by the majority of the world's nations a few decades ago. These ranges from the cultural, political to the economic. For example, women often work more than men, yet are paid less; gender discrimination affects girls and women throughout their lifetime; and women and girls are often the ones that suffer the most poverty. Many may think that women's rights are only an issue in countries where religion is law. Or even worse, some may think this is no longer an issue at all. But reading the report about the United Nation's Women's Treaty and how an increasing number of countries are lodging reservations will show otherwise. Gender equality furthers the cause of child survival and development for all of society, so the importance of women's rights and gender equality should not be underestimated.
- (a) This treaty tackled and solved a number of issues related to women.
 (b) Why is it then, that moment still face a number of problems on the domestic front?
 (c) Thus, the woman today is ten times more empowered as compared to a woman say about a decade ago.
 (d) Women's activists across nations have implored the respective governments to take this seriously.
 (e) Yet, despite many successes in empowering women, numerous issues still exist in all areas of life.
102. Research has shown that air pollutants from fossil fuel use make clouds reflect more of the sun's rays back into space. This leads to an effect known as global dimming whereby less heat and energy reaches the earth. However, it is believed that global dimming caused the droughts in certain parts of the world where millions died, because the

northern hemisphere oceans were not warm enough to allow rain formation. Global dimming is also hiding the true power of global warming. By cleaning up global dimming-causing pollutants without talking greenhouse gas emissions, rapid warming has been observed, and various human health and ecological disasters have resulted, as witnessed during the European heat wave in 2003, which saw thousands of people die.

- (a) This though, does not bring any relief in the problems associated with climate change.
 (b) This phenomenon thus is part of the climate change problem.
 (c) Scientists thus believe that this phenomenon goes hand in hand with global warming
 (d) At first, it sounds like an ironic savior to climate change problems
 (e) The answer to all our problems with respect to climate change is definitely here
103. Poverty is the state for the majority of the world's people and nations. Why is this? Have they been lazy, made poor decisions, and been solely responsible for their own plight? What about their governments? Have they pursued policies that actually harm successful development? Such causes of poverty and inequality are no doubt real. But deeper and more global causes of poverty are often less discussed. Behind the increasing interconnectedness promised by globalization are global decisions, policies, and practices. These are typically influenced, driven, or formulated by the rich and powerful. These can be leaders of rich countries or other global actors such as multinational corporations, institutions, and influential people. In the face of such enormous external influence, the governments of poor nations and their people are often powerless. As a result, in the global context, a few get wealthy while the majority struggles.
- (a) Is it enough to blame poor people for their own predicament?
 (b) What is the government doing about it?
 (c) Are the wealthy ones in the nation even aware of this?
 (d) The government has already taken measures to eradicate the same.
 (e) The huge gap between the rich and the poor in the nation is now narrowing
104. Analysts and industry pundits forecast that notebook market, which has been growing faster than the desktop market for the past three years, is expected to overtake the desktop market by the year 2011-12. A fall in prices, large deals from governments and institutions, and demand from consumers and sectors such as education are expected to help the notebook numbers. According to research agencies, the year 2010-11 saw notebook volumes rise, and for the first time a million plus notebooks were sold in India in a single quarter. The market has grown nearly four times for notebooks. The demand is driven by all sectors and a very buoyant consumer market, which prefers mobile computers. Entry-level notebook prices have dropped below the Rs. 25,000 mark; this has helped break the ice with new customers. This drop in notebook prices has been helped by the drop in the prices of the building blocks that make a notebook. It's simple. With notebook volumes growing, the prices of the components are also bound to come down.

- (a) All this has resulted in a noticeable change in a number of large government tenders for notebooks; which were traditionally for desktops.
- (b) Because of this the government still prefers desktops to notebooks and has passed tenders for the same.
- (c) Thereby making them more expensive.
- (d) Thus the forecast for the coming year states that desktops will be the preferred technology choice only for consumers who cannot afford the exorbitantly priced notebook.
- (e) Thus notebooks will become obsolete after a decade or so.
- 105.** Next to China, India is the most populated country in the world. Particularly, rush to technical and higher education has increased as the scope for arts and science has become lesser and lesser due to lack of reforms and up gradation in the course structure and materials according to the developments of the world. Also, qualification in higher education gives added advantage to face successfully competition in the job market.
- (a) Keeping this in mind, the government has provided concessions in the admission fees for the arts and science streams in the country.
- (b) Naturally there is too much rush and competition in every field.
- (c) Despite this the rush to higher education is lesser.
- (d) This population increase, though, has not kept pace with the knowledge expansion around the world.
- (e) In the next decade it will become the most populous.

DIRECTIONS (Qs. 106-110) : Rearrange the following seven sentences (1), (2), (3), (4), (5), (6) and (7) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (1) To elaborate briefly on these characteristics and dimensions that the author is talking about – NRMs are general tests intended to be used to classify students by percentile for measuring either aptitude or proficiency for admissions into or placement within a program.
- (2) Contrastingly, the CRM, such as a locally produced achievement test, measures absolute performance that is compared only with the learning objective, hence a perfect score is theoretically obtainable by all students who have a mastery of the pre-specified material, or conversely, all students may fail the test.
- (3) In most of these books, the authors classify a measurement strategy as either norm-referenced (NRM) or criterion-referenced (CRM).
- (4) Another author points out how the type of interpretation that an NRM offers is the relative performance of the students compared with that of all the others resulting in, ideally, a bell curve distribution.
- (5) Numerous books on constructing and using language tests have been written by various authors.
- (6) CRMs, on the other hand, are more specific, achievement or diagnostic tests intended to be used for motivating students by measuring to what percent they have achieved mastery of the thought or learned material.
- (7) One of the authors clearly delineates the differences of these two types by focusing on the categories of “test characteristics” and “logistical dimensions.”

- 106.** Which of the following should be the **FIRST** sentence after rearrangement?
- (a) 7 (b) 2
(c) 3 (d) 4
(e) 5
- 107.** Which of the following should be the **SEVENTH (LAST)** sentence after rearrangement?
- (a) 1 (b) 2
(c) 3 (d) 4
(e) 5
- 108.** Which of the following should be the **FIFTH** sentence after rearrangement?
- (a) 1 (b) 2
(c) 3 (d) 6
(e) 5
- 109.** Which of the following should be the **SECOND** sentence after rearrangement?
- (a) 1 (b) 2
(c) 3 (d) 4
(e) 6
- 110.** Which of the following should be the **THIRD** sentence after rearrangement?
- (a) 1 (b) 2
(c) 7 (d) 4
(e) 5

DIRECTIONS (Qs. 111-115) : The following questions consist of a single sentence with one blank only. You are given six words as answer choices and from the six choices you have to pick up two correct answers, either of which will make the sentence meaningfully complete.

- 111.** The ability of a woman to do well does not on whether it is a man's world or not, because everyone has his/her own opportunities.
- (1) **trust** (2) **depend**
(3) **reckon** (4) **live**
(5) **rest** (6) **believe**
(a) (4) and (5) (b) (2) and (3)
(c) (1) and (6) (d) (2) and (5)
(e) (3) and (4)
- 112.** Drugs worth ₹ 3 lakhs were from the apartment by the police.
- (1) **manufactured** (2) **ruptured**
(3) **seized** (4) **confiscated**
(5) **bought** (6) **compared**
(a) (1) and (4) (b) (2) and (3)
(c) (3) and (5) (d) (5) and (6)
(e) (3) and (4)
- 113.** An organization to the mission of road safety has prepared an action plan for reducing accidents and related injuries and fatalities.
- (1) **specified** (2) **inaugurated**
(3) **committed** (4) **kicked off**
(5) **succumbed** (6) **dedicated**
(a) (3) and (6) (b) (1) and (5)
(c) (3) and (5) (d) (4) and (6)
(e) (1) and (3)

114. A man reportedly two passports with the same photograph, but under different names was arrested by the commissioner's Task Force.

- | | |
|------------------|-----------------|
| (1) possessing | (2) examining |
| (3) surrendering | (4) mastering |
| (5) holding | (6) fixating |
| (a) (2) and (3) | (b) (3) and (6) |
| (c) (1) and (5) | (d) (1) and (4) |
| (e) (4) and (5) | |

115. The Hollywood star and the Bollywood heroine are being as the next big onscreen couple.

- | | |
|-----------------|-----------------|
| (1) labeled | (2) explained |
| (3) worshiped | (4) touted |
| (5) exclaimed | (6) shouted |
| (a) (2) and (4) | (b) (1) and (3) |
| (c) (2) and (6) | (d) (1) and (4) |
| (e) (3) and (4) | |

DIRECTIONS (Qs. 116-120) : Below is given a single word with options to its meaning in different contexts. You have to select all those options which are synonyms of the word when the context is changed. Select the correct alternative from (a), (b), (c), (d) and (e) which represents all those synonyms.

116. MASK

- | | |
|-------------------------------|---------------------------|
| (1) Cover | (2) Hide |
| (3) Conceal | (4) Disguise |
| (a) Only (1) | (b) Both (2) and (4) |
| (c) Only (2), (3) and (4) | (d) Only (1), (2) and (3) |
| (e) All (1), (2), (3) and (4) | |

117. REGULAR

- | | |
|-------------------------------|---------------------------|
| (1) Present | (2) Common |
| (3) Indiscriminate | (4) Uniform |
| (a) Only (4) | (b) Both (2) and (4) |
| (c) Both (1) and (3) | (d) Only (2), (3) and (4) |
| (e) All (1), (2), (3) and (4) | |

118. LABOUR

- | | |
|-------------------------------|---------------------------|
| (1) Expedite | (2) To move faster |
| (3) Controlled | (4) Toil |
| (a) Only (4) | (b) Both (1) and (3) |
| (c) Both (2), (3) and (4) | (d) Only (1), (3) and (4) |
| (e) All (1), (2), (3) and (4) | |

119. MEAN

- | | |
|-------------------------------|-----------------------------|
| (1) Imply | (2) Understand |
| (3) Average | (4) Characterized by malice |
| (a) Only (3) | (b) Both (1) and (4) |
| (c) Only (1), (3) and (4) | (d) Only (1), (2) and (4) |
| (e) All (1), (2), (3) and (4) | |

120. ALONE

- | | |
|-------------------------------|---------------------------|
| (1) Exclusively | (2) Morose |
| (3) Solitary | (4) Human being |
| (a) Only (1) | (b) Both (1) and (3) |
| (c) Both (2) and (3) | (d) Only (1), (3) and (4) |
| (e) All (1), (2), (3) and (4) | |

DIRECTIONS (Qs. 121-135): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

As the country embarks on planning (121) the 12th Plan (2012-17) period, a key question mark (122) hangs over the process is on the energy requirements.

Growth is energy hungry, and the aspirations of growing at 9-10% will (123) huge demands on the energy resources of the country. In this energy Jigsaw, renewable energy will (124) like never before in the 12th Plan and the (125). By the rule of the thumb, India will (126) about 100 gigawatts (Gw)-100,000 megawatts-of capacity addition in the next five years. Encouraging trends on energy efficiency and sustained (127) by some parts of the government the Bureau of Energy Efficiency in particular needs to be complimented for this-have led to substantially lesser energy intensity of economic growth. However, even the tendered demand numbers are (128) to be below 80Gw. As against this need the coal supply from domestic sources is unlikely to support more than 25 Gw equivalent capacity. Imported coal can add some more, but at a much (129) cost. Gas-based electricity generation is unlikely to contribute anything substantial in view of the unprecedented gas supply challenges. Nuclear will be (130) in the foreseeable future. Between imported coal, gas, large hydro and nuclear, no more than 15-20Gw equivalent can be (131) to be added in the five-year time block. (132) (133) this, capacity addition in the renewable energy based power generation has touched about 3Gw a year. In the coming five years, the overall capacity addition in the electricity grid (134) renewable energy is likely to range between 20Gw and 25Gw. Additionally, over and above the grid-based capacity, off-grid electricity applications are reaching remote places and (135) lives where grid-based electricity supply has miserably failed.

- | | |
|------------------------|-----------------|
| 121. (a) On | (b) Against |
| (c) For | (d) Onwards |
| (e) At | |
| 122. (a) Where | (b) That |
| (c) Inside | (d) Always |
| (e) Who | |
| 123. (a) Replace | (b) Forward |
| (c) Subject | (d) Place |
| (e) Demand | |
| 124. (a) Light | (b) Pass |
| (c) Publish | (d) Feature |
| (e) Find | |
| 125. (a) Earlier | (b) Likewise |
| (c) Publicity | (d) Next |
| (e) After | |
| 126. (a) Consumed | (b) Waste |
| (c) Require | (d) Highlight |
| (e) Generate | |
| 127. (a) Developmental | (b) Structures |
| (c) Efforts | (d) Projections |
| (e) Practices | |
| 128. (a) Likely | (b) Sure |
| (c) Unsure | (d) Unexpected |
| (e) Unlikely | |

129. (a) Expected (b) Nominal
(c) Excelled (d) Higher
(e) Lower
130. (a) Marginal (b) Failure
(c) Success (d) Dangerous
(e) Maximum
131. (a) Sure (b) Certain
(c) Linked (d) Remarkd
(e) Expected
132. (a) As (b) When
(c) But (d) However
(e) If
133. (a) Against (b) For
(c) With (d) Is
(e) Ever
134. (a) Capacity (b) Through
(c) Project (d) Versus
(e) Against
135. (a) Generating (b) Lightning
(c) Making (d) Touching
(e) Saving

DIRECTIONS (Qs. 136-143) : Read the following passage carefully and answer the questions given below it. Certain words are printed in bold to help you to locate them while answering some of the questions.

In a reversal of the norm elsewhere, in India policymakers and economists have become optimists while bosses do the worrying. The country's Central Bank has predicted that the country's economy is likely to grow at a double digit rate during the next 20-30 years. India has the capability with its vast labour and lauded entrepreneurial spirit. But the private sector which is supposed to do the heavy lifting that turns India from the world's tenth largest economy to its third largest by 2030 has become fed up. Business people often carp about India's problems but their irritation this time has a nervous edge. In the first quarter of 2011, GDP grew at an annual rate of 7.8 percent; in 2005-07 it managed 9-10 percent. The economy may be slowing naturally as the low interest rates and public spending that got India through the global crisis are belatedly withdrawn. At the same time the surge in inflation caused by exorbitant food prices has spread more widely, casting doubt over whether India can grow at 8-10 percent in the medium term without overheating.

In India, as in many fast growing nations, the confidence to invest depends on the conviction that the long term trajectory is intact and it is that which is in doubt. Big Indian firms too sometimes seem happier to invest abroad than at home, in deals that are often hailed as symbols of the country's growing **clout** but sometimes speak to its weaknesses – purchases of natural resources that India has in abundance but struggles to get out of the ground. In fact a further dip in investment could be self fulfilling: if fewer roads, ports and factories are built, this will hurt both short term growth figures and reduce the economy's long term capacity.

There is a view that because a fair amount of growth is assured the government need not try very hard. The liberalization reforms that began in 1991 freed markets for products and gave rise to vibrant competition, at the same time what economists call factor markets, those for basic inputs like land, power, labour etc remain

unreformed and largely under state control, which creates difficulties. Clearances today can take three to four years and many employers are keen to replace workers with machines despite an abundance of labor force. This can be attributed to labor laws which are inimical to employee creation and an education system that means finding quality manpower a major problem. In fact the Planning Commission concluded that even achieving 9 percent growth will need **marked** policy action in unreformed sectors. Twenty years ago it was said that yardstick against which India should be measured was its potential and it is clear that there remains much to do.

136. Which of the following can be said about the Indian economy at present?

- (a) It can comfortably achieve double digit growth rare at present.
(b) High food prices have led to overheating of the economy.
(c) Citizens are affluent owing to laxity in regulation.
(d) Private sector confidence in India's growth potential is high.
(e) Unreformed sectors are a drag on economic growth.

137. Why are employers reluctant to hire Indian labour force?

- (1) India's labour force is overqualified for the employment opportunities available.
(2) High attrition rate among employees stemming from their entrepreneurial spirit.
(3) Labour laws are not conducive to generating employment.
(a) Only (3)
(b) All (1), (2) and (3)
(c) Only (1) and (3)
(d) Only (1) and (2)
(e) None of these

138. What is the state of India's basic input sectors at present?

- (a) These sectors attract Foreign Direct Investment because of their vast potential.
(b) These sectors are lagging as projects are usually awarded to foreign companies.
(c) These sectors are stagnating and badly in need of reforms.
(d) These sectors are well regulated as these are governed by the State.
(e) None of these

139. What is the author's **main objective** in writing the passage?

- (a) Showcasing the potential of India's growth potential to entice foreign investors.
(b) Exhorting India to implement measures to live up to its potential.
(c) Recommending India's model of development to other developing countries
(d) Berating the private sector for not bidding for infrastructure development projects.
(e) Criticising the measures taken by India during the global economic crisis.

140. What impact has the GDP growth of 7.8 percent had?

- (1) Indian Industry is anxious about India's economic growth.
(2) India has achieved status as the world's third largest economy at present.
(3) Foreign investment in India has drastically increased.

- (a) Only (1)
 - (b) All (1), (2) and (3)
 - (c) Only (1) and (3)
 - (d) Only (1) and (2)
 - (e) None of these
141. Which of the following is **most similar** in meaning to the word **CLOUT** given in **bold** as used in the passage?
- (a) Strike
 - (b) Standing
 - (c) Force
 - (d) Launch
 - (e) Achieve
142. Which of the following is **most opposite** in meaning to the word **MARKED** given in **bold** as used in the passage?
- (a) Decreased
 - (b) Ignored
 - (c) Clear
 - (d) Assessed
 - (e) Imperceptible
143. What measures do experts suggest be taken to ensure targeted economic growth?
- (a) Lowering of interest rates to help industries hit by recession.
 - (b) Prolonged financial support for basic input industries.
 - (c) Incentives to Indian companies to invest in infrastructure.
 - (d) Formulation of policies and their implementation in factor markets
 - (e) Stringent implementation of licensing system.

DIRECTIONS (Qs. 144-150) : Read the following passage carefully and answer the questions given below it. Certain words/phrases are printed in bold to help you to locate them while answering some of the questions.

In many countries, a combustible mixture of authoritarianism, unemployment and youth has given rise to disaffection with strongmen rulers which has in turn spill over into uprising. Young people in these countries are far better educated than their parents were. In 1990 the average Egyptian had 4.4 years of schooling; by 2010 the figure had risen to 7.1 years. Could it be that education, by making people less willing to put up with restrictions on freedom and more willing to question authority, **promotes** democratization. Ideas about the links between education, Income and democracy are at the heart of what social scientists have long studied. Since then plenty of economists and political scientists have looked for statistical evidence of a causal link between education and democratization. Many have pointed to the strong correlation that exists between levels of education and measures like the pluralism of party politics and the existence of civil liberties. The patterns are similar when income and democracy are considered. There are outliers, of course – until recently, many Arab countries managed to combine energy-based wealth and decent education with undemocratic political systems. But some deduce from the overall picture that as China and other authoritarian states get more educated and richer, their people will agitate for greater political freedom, culminating in a shift to a more democratic form of government. This apparently reasonable intuition is shakier than it seems. Critics of the hypothesis point out that correlation is hardly

causation. The general trend over the past half century may have been towards rising living standards, a wider spread of basic education and more democracy, but it is entirely possible that this is being by another variable. Even if the correlation were not spurious, it would be difficult to know which way causation ran. Does more education lead to greater democracy? Or are more democratic countries better at educating their citizens? A recent NBER paper compared a group of Kenyan girls in 69 primary school whose students were randomly selected to receive a scholarship with similar students in schools which received no such financial aid. Previous studies has shown that the scholarship programme led to higher test scores and increased the likelihood that girls enrolled in secondary school. Overall, it significantly increased the amount of education obtained. For the new study the authors tried to see how the extra schooling had affected the political and social attitudes of the women in question. Findings suggested that education may make people more interested in improving their own lives but they may not necessarily see democracy as the way to do it. Even in established democracies, more education does not always mean either more active political participation or greater faith in democracy. Poorer and less educated people often vote in larger numbers than their more educated compatriots, who often express disdain for the **messiness of democracy**, yearning for the kind of government that would deal strongly with the corrupt and build highways, railway lines and bridges at a dizzying pace of authoritarian China.

144. Which of the following most aptly describes the **central theme** of the passage?
- (a) Democratic nations are richer and have a better track record of educating their citizens.
 - (b) Education does not necessarily lead to greater enthusiasm for a democratic form of government
 - (c) Educated societies with autocratic form of government enjoy a better quality of life than democracies.
 - (d) Citizens can fulfill their personal aspirations only under a democratic form of government.
 - (e) Democracy makes citizens more intolerant as it does not restrict personal freedoms
145. Which of the following is **most similar** in meaning to the word **PROMOTES** given in **bold** as used in the passage?
- (a) Up grades
 - (b) Prefers
 - (c) Recommends
 - (d) Advocates
 - (e) Publicizes
146. What conclusion can be drawn from the statistics cited about Egypt's education system?
- (a) Job prospects have been on the rise in Egypt in recent times.
 - (b) Authoritarian leaders have played a vital role in reforming Egypt's education system.
 - (c) Egypt has one of the youngest and best educated demographics in the world.
 - (d) Egypt is likely to be successful vibrant democracy.
 - (e) There has been a rise in education levels in Egypt in recent times.

147. In the context of the passage which of the following characterize(s) democracies?
- Active participation of majority of educated citizens in electoral process.
 - Fast paced economic growth and accountability of those in power.
 - Better standards of living and access to higher education.
- All (1), (2) and (3)
 - Only (2) and (3)
 - Only (3)
 - Only (1) and (2)
 - None of these
148. What according to the author has led to uprisings in authoritarian countries?
- Lack of access to education.
 - Vast numbers of uneducated and unemployable youth.
 - Frustration with the existing system of governance.
 - Unavailability of natural energy resources like coal and oil.
 - Government's overambitious plans for development.
149. Which of the following is/are **true** about China in the context of the passage?
- China's citizens are in favor of a more representative form of government.
 - China has made huge strides in infrastructure developments.
 - China is in the midst of a political revolution.
- None
 - Only (1)
 - Only (1) and (3)
 - Only (2)
 - All (1), (2) and (3)
150. What does the phrase "**messiness of democracy**" convey in the context of the passage?
- Democratic nations are chaotic on account of individual freedoms.
 - Most democratic countries frequently have violent revolts among their citizens.
 - The divide between the poor and educated is growing wider in democracies.
 - High levels of pollution on account of frantic pace of infrastructure development.
 - Resigned acceptance of intrinsic corruption in the education system.
153. Interest payable on saving bank accounts is
- not regulated by RBI.
 - regulated by State Governments
 - regulated by Central Government
 - regulated by RBI
 - regulated by Finance minister.
154. Which of the following is the correct statement?
- State bank of India is the sole authority to issue and manage currency in India.
 - A nationalized bank is the sole authority to issue and manage currency in India
 - A cooperative bank is the sole authority to issue and manage currency in India.
 - RBI is the sole authority to issue and manage currency in India.
 - None of these
155. The Home Minister of India was recently on a visit to Bangladesh where both the countries signed a Coordinated Border Management Plan (CBMP). What are major points of this agreement?
- The plan will help in resolving long pending border dispute between both the nations.
 - The head count of the people living in enclaves on the border will be completed within next six month's time
 - India assured that no BSF Jawan will open fire on the people crossing the borders unless there is an attack on them.
- Only (A)
 - Only (B)
 - Only (C)
 - All (A), (B) and (C)
 - Both (A) and (C)
156. Which of the following is/are commodity/ies on which subsidy is given to farmers/ poor in India?
- Fertiliser
 - Kerosene
 - LPG
- Only (A)
 - Only (B)
 - Only (C)
 - Only (A) & (C)
 - All (A), (B) & (C)
157. The President of India was recently on a visit to South Korea and Mongolia. During her visit some agreements were signed by both the countries. Which of the following was a common area on which India signed agreements with South Korea and Mongolia both?
- Peaceful use of Nuclear energy
 - Export of edible oil to South Korea and Mongolia
 - Providing technical help to become self sufficient in production of food grains
 - Willingness of both the countries to support India's bid to have permanent seat in UN Security Council
 - To hold Olympic games in 2022 In New Delhi jointly with South Korea and Mongolia
158. Iran recently threatened that it will stop supply of oil to India if the payment Issue is NOT sorted out quickly. What is the problem in payment to Iran?
- The oil supplied by Iran is of substandard quality. Hence India suspended the supply and stopped the payment.

General Awareness

151. Which of the following countries recently conferred its Highest State Honour on Late Mrs. Indira Gandhi for her contribution in its 'Liberation war'?
- South Sudan
 - Bangladesh
 - Bhutan
 - Slovakia
 - Croatia
152. Which of the following statement is true?
- Banks cannot accept demand and time deposit from public.
 - Banks can accept only demand deposits from public.
 - Banks can accept only time deposits from public.
 - Banks can accept both demand and time deposits from public.
 - Banks can accept demand and time deposits only from government.

- (B) Indian banks have stopped transfer of money to Iran as UN has imposed sanctions on Iran.
 (C) India is bound to purchase oil only from OPEC members. Iran has abandoned the membership of OPEC, which has created a problem in payments.
 (a) Only (A) (b) Only (B) (c) Only (C)
 (d) All (A), (B) and (C)
 (e) None of these
- 159.** Accounts are allowed to be operated by cheques in respect of
 (a) Both Savings bank accounts and fixed deposit accounts
 (b) Savings bank accounts and current accounts
 (c) Both Savings bank accounts and loan accounts
 (d) Both Savings bank accounts and cash accounts only
 (e) Both Current accounts and fixed deposit accounts
- 160.** Yingluck Shinawatra has won recently held elections to become first woman Prime Minister of
 (a) Myanmar. (b) South Korea (c) North Korea
 (d) Thailand (e) China
- 161.** Which of the following is correct statement?
 (a) Normally no interest is paid on current deposit accounts
 (b) Interest is paid on current accounts at the same rate as term deposit accounts
 (c) The rate of interest on current account and savings account are the same
 (d) No interest is paid on any deposit by the bank
 (e) Savings deposits are the same as current deposits.
- 162.** The Lokayukta of which of the following States had submitted a report on illegal mining of Iron are in the State?
 (a) Andhra Pradesh (b) Tamil Nadu (c) Karnataka
 (d) Orissa (e) None of these
- 163.** The usual deposit accounts of banks are
 (a) Current accounts, electricity accounts and insurance premium accounts
 (b) Current accounts, Post office savings bank accounts and term deposit accounts
 (c) Loan accounts, savings bank accounts and term deposit accounts
 (d) Current accounts, savings bank accounts and term deposit accounts
 (e) Current bill accounts and term deposit accounts
- 164.** Fixed deposits and recurring deposits are
 (a) repayable after an agreed period.
 (b) repayable on demand
 (c) not repayable
 (d) repayable after death of depositors
 (e) repayable on demand or after an agreed period as per bank's choice.
- 165.** The countries these days are most worried about the currency war. They are arguing about whose actions harmed the world economy the most. What are the views of the rich countries, particularly USA, In this regard?
 (A) They feel that it was China who was unwilling to allow the Yuan to rise.
 (B) They feel that it was India who had snatched jobs in most of the European countries and USA. This made the situation more grim.
 (C) Some countries feel that it was Japan who allowed swapping of its currency with other nations and created a grim situation in world market.
 (a) Only (A) (b) Only (B) (c) Only (C)
 (d) All (A), (B) & (C) (e) None of these
- 166.** Which of the following is NOT a Millennium Goal set by the UNO?
 (a) Eradicate extreme poverty and hunger
 (b) Reduce child mortality
 (c) Ensure environmental sustainability
 (d) Combat terrorism and bring people in main stream of society
 (e) Achieve universal primary education
- 167.** Financial inclusion means provision of
 (a) financial services namely payments, remittances, savings, loans and Insurance at affordable cost to persons not yet given the same.
 (b) ration at affordable cost to persons not yet given the same.
 (c) house at affordable cost to persons not yet given the same.
 (d) food at affordable cost to persons not yet given the same.
 (e) education at affordable cost to persons not yet given the same.
- 168.** Which of the following Statements containing results of India's recent Census is NOT correct?
 (a) Kerala has about 94% literacy, the highest in India.
 (b) The Sex Ratio in India is 940
 (c) Male literacy is lower than female literacy in seven most developed states
 (d) Uttar Pradesh is the most populous State in India
 (e) The population of India has increased by 181 million during the decade 2001-2011
- 169.** Which of the following is known as cross selling by Banks?
 (A) Sale of a debit card to a credit card holder
 (B) Sale of Insurance policy to a depositor
 (C) Issuance of Cash against Cheque presented by a third party
 (a) Only (A) (b) Only (B) (c) Only (C)
 (d) Both (A) and (C) (e) All (A), (B) and (C)
- 170.** Angela Merkel was recently in India to receive Jawaharlal Nehru Award for international Understanding for the year 2009. What has been her contribution in the international politics which made her the 'Best Choice' for the award?
 (A) She played a major role in restarting negotiations between Russia and USA on 'START'.
 (B) She initiated 'Health Care Reforms' in Germany and solved problems related to future energy development.
 (C) She played a crucial role in negotiation of the Treaty of Lisbon' and Berlin declaration.
 (a) Only (B) and (C) (b) Only (A) and (B)
 (c) Only (C)
 (d) Only (A) and (C)
 (e) None of these

171. Japan won the women's Football World Cup 2011 by defeating
 (a) England (b) Germany (c) Argentina
 (d) USA (e) China
172. Which of the following states became the first state in the country to launch RBI's e-payment system for commercial tax payers?
 (a) Andhra Pradesh (b) Kerala (c) Gujarat
 (d) Maharashtra (e) Karnataka
173. When a bank returns a cheque unpaid. It is called
 (a) payment of the cheque
 (b) drawing of the cheque
 (c) cancelling of the cheque
 (d) dishonour of the cheque
 (e) taking of the cheque.
174. Mortgage is a
 (a) security on movable property for a loan given by a bank.
 (b) security on immovable property for a loan given by a bank.
 (c) concession on immovable property for a loan given by a bank.
 (d) facility on immovable property for a loan given by a bank.
 (e) security on immovable property for a deposit received by a bank.
175. The world's highest 'Rail Bridge' is being constructed in the State of Jammu & Kashmir. This bridge will be on which of the following rivers?
 (a) Jhelum (b) Chenab (c) Indus
 (d) Ravi (e) None of these
176. Which of the following films was NOT directed by Mani Kaul, who died recently?
 (a) 3 Idiots (b) Ghashiram Kotwal
 (c) Uski Roti (d) Duvidha
 (e) Ashadh Ka Ek Din
177. The President of which of the following countries is accused of violation of "War Powers Act" of his country when he decided to attack Libya with other NATO countries in June 2011?
 (a) USA (b) France (c) Germany
 (d) Spain (e) Italy
178. Which of the following schemes is launched by the Govt. of India to provide an identity to its all resident citizens and also in identifying people who are poorest often the last to stand up to ask for their share in govt. schemes or lack identity?
 (a) Public Provident Fund Scheme
 (b) Indira Gandhi Old Age Pension Scheme
 (c) Social Security Scheme for Gramin Dak Sevak
 (d) M. G. National Rural Employment Guarantee Act
 (e) Aadhaar Card scheme
179. Which of the following types of accounts are known as 'Demat Accounts'?
 (a) Accounts which are Zero Balance Accounts
 (b) Accounts which are opened to facilitate repayment of a loan taken from the bank. No other business can be conducted from the bank. No other business can be conducted from there
 (c) Accounts in which shares of various companies are traded in electronic form
 (d) Accounts which are operated through internet banking facility
 (e) None of these
180. Who amongst the following won the Wimbledon Men's Finals 2011 which was also his first Wimbledon Title?
 (a) Rafael Nadal (b) Novak Djokovic
 (c) Robert Bruce (d) Lleyton Hewitt
 (e) None of these
181. Which of the following organizations/ agencies has sought an emergency fund of Rs 1000 crore from banks to tackle acute liquidity crisis, which is coming in the way to give loans to micro borrowers?
 (a) Regional Rural & Cooperative Banks
 (b) RBI
 (c) Micro Finance Institutions
 (d) NABARD
 (e) None of these
182. Upper limit prescribed for RTGS transaction is
 (a) ₹ 1 lac (b) ₹ 2 lacs (c) ₹ 5 lacs
 (d) ₹ 50 lacs (e) No upper limit is prescribed
183. Distribution of Insurance products and Insurance policies by banks as corporate agents is known as
 (a) General Insurance (b) Non-life Insurance
 (c) Bancassurance (d) Insurance banking
 (e) Deposit Insurance
184. What does the letter 'L' denote in term 'LAF' as referred every now and then in relation to monetary policy of the RBI?
 (a) Liquidity (b) Liability (c) Leveraged
 (d) Longitudinal (e) Linear
185. What is the full form of 'FINO' a term we see frequently in financial newspapers?
 (a) Financial Investment Network and Operations
 (b) Farmers Investment in National Organisation
 (c) Farmers Inclusion News and Operations
 (d) Financial Inclusion Network and Operations
 (e) None of these
186. Who among the followings has been appointed as a director on board of Bank of America- the first non-American on the board of the one of the largest financial institutions in the world?
 (a) Azim Premji (b) Ratan Tata
 (c) Mukesh Ambani (d) K.V. Kamath
 (e) Chanda Kocher
187. When the rate of inflation increases
 (a) purchasing power of money increases
 (b) purchasing power of money decreases
 (c) value of money increases
 (d) purchasing power of money remains unaffected
 (e) amount of money in circulation decreases
188. POSCO is in the process of establishing its plants in India. What does the letter 'P' denote in the name POSCO?
 (a) Popular (b) Pallin (c) Pohang
 (d) Paradeep (e) Petersburg

189. Who amongst the following has become the Chief Minister of a State in India third time consecutively?
 (a) Tarun Gogoi (b) Nitish Kumar
 (c) J. Jayalalitha (d) Mamta Banerjee
 (e) None of these
190. Who amongst the following is the winner of Man Booker Prize 2011?
 (a) Andrea Levy (b) Nicola Barker
 (c) Tom McCarthy (d) Linda Grant
 (e) Philip Roth
191. Interest on savings bank account is now calculated by banks on
 (a) minimum balance during the month
 (b) minimum balance from 7th to last day of the month
 (c) minimum balance from 10th to last day of the month
 (d) maximum balance during the month
 (e) daily product basis
192. The third international Conference of the Trade Unions was organized in June 2011 in
 (a) Vienna (b) Moscow (c) London
 (d) Paris (e) Berlin
193. A centralized database with on line connectivity to branches, internet as well as ATM network which has been adopted by almost all major banks of our country is known as
 (a) Investment banking
 (b) core banking
 (c) mobile banking
 (d) national banking
 (e) specialized banking
194. The Government of India recently decided to lift four years old ban on export of wheat. What was the reason for the same?
 (A) India had a bumper crop of wheat in last two years. Hence it has excess stock of wheat.
 (B) As per the Food Security Act India is bound to provide 10 million tones of wheat to World Food Grain stock every year. India defaulted last year. This year it does not want to be one.
 (C) As advised by the Supreme Court of India, the money received from export should be used to pay subsidy to the farmers.
 (a) Only (B) (b) Only (A) (c) Only (C)
 (d) Both (A) & (B) (e) All (A), (B) & (C)
195. Which of the following is not considered a money market instrument?
 (a) Treasury bills (b) Repurchase Agreement
 (c) Commercial paper (d) Certificate of Deposit
 (e) Shares and bonds
196. With a view to facilitate payment of balance in the deposit account to the person named by the depositor without any hassles in the event of death of the account holder, the following facility was introduced for bank accounts in our country
 (a) Will (b) Registration (c) Nomination
 (d) Indemnity (e) Guarantee
197. The ministry of Finance recently released a comprehensive paper on Govt. debt. Which of the following is/ are true about the same?
 (A) The paper presents the road map for general debt to be raised by the Govt. of India during the period of 2011–2015 which is the period of the awards of the 13th Finance commission
 (B) As per the estimates, the target debt in the terminal year 2014–15 will be lower than whatever recommended by the 13th Finance Commission.
 (C) The paper has recommended that the Govt. should try to generate resources in such a way that. It does not have to depend much on debt. The total debt should not be more than $\frac{1}{3}$ rd of the total requirements.
 (a) Only (A) (b) Only (B)
 (c) Only (A) & (B) (d) Only (B) & (C)
 (e) None of these
198. 'Gorkhaland Council' which was recently in news is a body set up for administration of which of the following Districts?
 (a) Siliguri (b) Bagdogra (c) Malda
 (d) Darjeeling (e) Gangtok
199. Banks in our country normally publicise that additional interest rate is allowed on retail domestic term deposits of
 (a) Minors (b) Married women
 (c) Senior citizens (d) Govt. employees
 (e) Rural residents
200. FBTR is a term/ abbreviated name related to the area of
 (a) Nuclear power (b) Agriculture (c) Economy
 (d) Medical Science (e) Sports

Computer Knowledge

201. To change selected text to all capital letters, click the change case button, then click
 (a) Uppercase (b) Upper all (c) Capslock
 (d) Lock Upper (e) Large Size
202. A person who uses his or her expertise to gain access to other people's computers to get information illegally or do damage is a
 (a) hacker (b) analyst
 (c) instant messenger
 (d) programmer (e) spammer
203. A device that connects to a network without the use of cables is said to be
 (a) distributed (b) free (c) centralized
 (d) open source (e) None of these
204. Reusable optical storage will typically have the acronym
 (a) CD (b) DVD (c) ROM
 (d) RW (e) ROS
205. The most common type of storage devices are
 (a) persistent (b) optical (c) magnetic
 (d) flash (e) steel
206. Codes consisting of lines of varying widths or lengths that are computer-readable are known as
 (a) an ASCII code (b) a magnetic tape
 (c) a bar code (d) an OCR scanner
 (e) None of these
207. A Web site's main page is called its
 (a) Homepage (b) Browser page
 (c) Search Page (d) Bookmark
 (e) None of these

208. Part number, part description, and number of parts ordered are examples of
 (a) control (b) output (c) processing
 (d) feedback (e) input
209. To access properties of an object, the mouse technique to use is
 (a) dragging (b) dropping
 (c) right-clicking (d) shift-clicking
 (e) None of these
210. Computers use the _____ number system to store data and perform calculations.
 (a) binary (b) octal (c) decimal
 (d) hexadecimal (e) None of these
211. _____ are attempts by individuals to obtain confidential information from you by falsifying their identity.
 (a) Phishing trips (b) Computer viruses
 (c) Spyware scams (d) Viruses
 (e) Phishing scams
212. Why is it unethical to share copyrighted files with your friends?
 (a) It is not unethical, because it is legal.
 (b) It is unethical because the files are being given for free.
 (c) Sharing copyrighted files without permission breaks copyright laws.
 (d) It is not unethical because the files are being given for free.
 (e) It is not unethical - anyone can access a computer
213. Which of the following can be used to select the entire document?
 (a) CTRL+A (b) ALT+F5
 (c) SHIFT+A (d) CTRL+K (e) CTRL+H
214. To instruct Word to fit the width of a column to the contents of a table automatically, click the _____ button and then point to AutoFit Contents.
 (a) Fit to Form (b) Format (c) Autosize
 (d) Contents (e) AutoFit
215. The simultaneous processing of two or more programs by multiple processors is
 (a) multiprogramming (b) multitasking
 (c) time-sharing (d) multiprocessing
 (e) None of these
216. A disk's content that is recorded at the time of manufacture and that cannot be changed or erased by the user is
 (a) memory-only (b) write-only (c) once-only
 (d) run-only (e) read-only
217. What is the permanent memory built into your computer called?
 (a) RAM (b) Floppy
 (d) CD-ROM (e) ROM
218. The default view in Excel is _____ view.
 (a) Work (b) Auto (c) Normal
 (d) Roman (e) None of these
219. What displays the contents of the active cell in Excel?
 (a) Namebox (b) Row Headings
 (c) Formulabar (d) Taskpane
 (e) None of these
220. In Word you can force a page break
 (a) by positioning your cursor at the appropriate place and pressing the F1 key
 (b) by positioning your cursor at the appropriate place and pressing Ctrl + Enter
 (c) by using the Insert/Section Break
 (d) by changing the font size of your document
 (e) None of these
221. Grouping and processing all of a firm's transactions at one time is called
 (a) a database management system
 (b) batch processing
 (c) a real-time system
 (d) an on-line system
 (e) None of these
222. Help menu is available at which button?
 (a) End (b) Start (c) Turnoff
 (d) Restart (e) Reboot
223. You can keep your personal files/folders in
 (a) My folder (b) My Documents (c) My Files
 (d) My Text (e) None of these
224. A central computer that holds collections programs for many PCs, workstations computers is a(n)
 (a) supercomputer (b) minicomputer
 (c) laptop (d) server (e) None of these
225. When you save to this, your data will remain when the computer is turned off.
 (a) RAM
 (b) motherboard
 (c) secondary storage device
 (d) primary storage
 (e) None of these
226. The _____ folder retains copies of messages have started but are not yet ready to send.
 (a) Drafts (b) Outbox (c) Address B
 (d) Sent Items (e) Inbox
227. You can _____ a search by providing more info the search engine can use to select a smaller, more useful set of results.
 (a) refine (b) expand (c) load
 (d) query (e) slowdown
228. The contents of _____ are lost when the computer turns off.
 (a) storage (b) input (c) output
 (d) memory (e) None of these
229. The _____ enables you to simultaneously keep multiple Web pages open in one browser window.
 (a) tab box (b) pop-up helper
 (c) tab row (d) address bar
 (e) Esc key
230. A DVD is an example of a(n)
 (a) hard disk (b) optical disc
 (c) output device (d) solid-state storage device
 (e) None of these
231. The basic unit of a worksheet into which you enter data in Excel is called a
 (a) tab (b) cell (c) box
 (d) range (e) None of these

232. _____ is the process of dividing the disk into tracks and sectors.
 (a) Tracking (b) Formatting (c) Crashing
 (d) Allotting (e) None of these
233. Which ports connect special types of music instruments to sound cards?
 (a) BUS (b) CPU (c) USB
 (d) MIDI (e) MINI
234. The process of transferring files from a computer on the Internet to your computer is called
 (a) downloading (b) uploading
 (c) FTP (d) JPEG (e) downsizing
235. In Excel _____ allows users to bring together copies of workbooks that other users have worked on independently.
 (l) Copying (b) Merging (c) Pasting
 (d) Compiling (e) None of these
236. If you want to connect to your own computer through the Internet from another location, you can use
 (a) e-mail (b) FTP
 (c) instant message (d) Telnet (e) None of these
237. To reload a Web page, press the _____ button.
 (a) Redo (b) Reload
 (c) Restore (d) Ctrl (e) Refresh
238. Mobile Commerce is best described as
 (a) The use of kiosks in marketing
 (b) Transporting products
 (c) Buying and selling goods/services through wireless handheld devices
 (d) Using notebook PCs in marketing
 (e) None of the above
239. Video processors consist of _____ and _____ which store and process images.
 (a) CPU and VGA (b) CPU and memory
 (c) VGA and memory (d) VGI and DVI
 (e) None of these
240. _____ are words that a programming language has set aside for its own use.
 (a) Control words (b) Control structures
 (c) Reserved words (d) Reserved keys
 (e) None of these
241. What is the process of copying software programs from secondary storage media to the hard disk called?
 (a) configuration (b) download (c) storage
 (d) upload (e) installation
242. This first step in the transaction processing cycle captures business data through various modes such as optical scanning or at an electronic commerce website.
 (a) Document and report generation
 (b) Database maintenance
 (c) Transaction processing start-up
 (d) Data Entry
 (e) None of these
243. When the pointer is positioned on a _____, it is shaped like a hand.
 (a) Grammar error (b) Formatting error
 (c) Screen Tip (d) Spelling error
 (e) Hyperlink
244. The computer abbreviation KB usually means
 (a) Key Block (b) Kernel Boot (c) Key Byte
 (d) Kit Bit (e) Kilo Byte
245. Which of the following are advantages of CD-ROM as a storage media?
 (a) CD-ROM is an inexpensive way to store large amount of data and information.
 (b) CD-ROM disks retrieve data and information more quickly than magnetic disks do.
 (c) CD-ROMs make less errors than magnetic media.
 (d) All the above
 (e) None of these
246. A(n) _____ is a special visual and audio effect applied in Powerpoint to text or content.
 (a) animation (b) flash (c) wipe
 (d) dissolve (e) None of these
247. Which of the following is a storage device that uses rigid, permanently installed magnetic disks to store data/information?
 (a) floppy diskette (b) hard disk
 (c) permanent disk (d) optical disk
 (e) None of these
248. The piece of hardware that converts you computer's digital signal to an analog signal that can travel over telephone lines is called a
 (a) red wire (b) blue cord (c) tower
 (d) modem (e) None of these
249. Personal computers can be connected together to form a
 (a) server (b) supercomputer
 (c) network (d) enterprise
 (e) None of these
250. A _____ is the term used when a search engine returns a Web page that matches the search criteria.
 (a) blog (b) hit (c) link
 (d) view (e) success

HINTS & SOLUTIONS

1. (e) According to questions.

$$AB = 2 \text{ km}$$

$$BC = 5 \text{ km}$$

$$CD = 8 \text{ km}$$

$$DE = 5 \text{ km}$$

$$EF = 1 \text{ km}$$

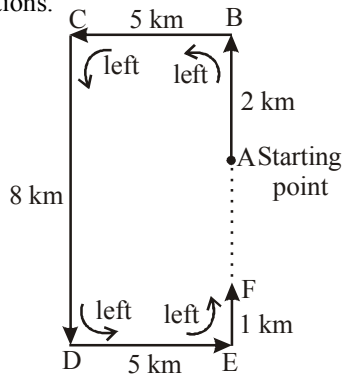
$$BC = DE = 5 \text{ km}$$

$$CD = BE = 8 \text{ km}$$

$$BE = EF + AF + AB$$

$$\therefore AF = BE - (EF + AB) \\ = 8 - (1 + 2) = 8 - 3 = 5 \text{ km}$$

\therefore Required distance = AF = 5 km and required direction is North



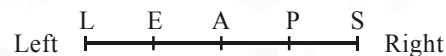
For questions 2-3 :

Person	Floor
B	6th
C	5th
F	4th
E	3rd
A	2nd
D	1st/Ground

2. (d) A and E live on the floors exactly between D and F.
3. (a) B lives on floor number 6.

For questions 4-5 :

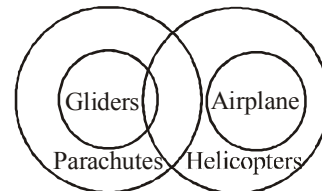
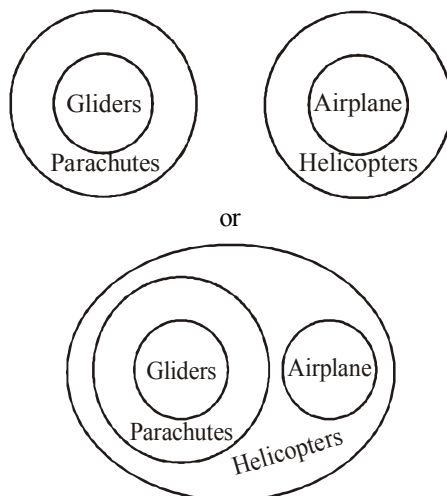
The meaningful english word 'LEAPS' will be formed.



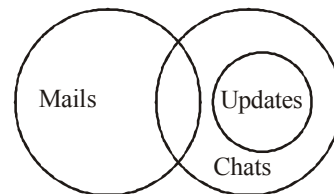
4. (d) P is placed second to the right of E.
5. (c) The word 'LEAPS' will be formed based on the given conditions.

For questions 6-7 :

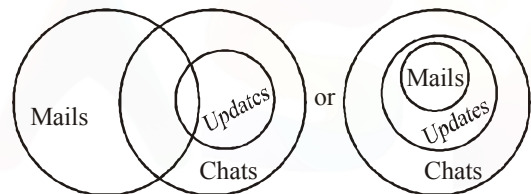
According to statements:



6. (a) Hence, only conclusion I follows.
7. (b) Hence, conclusion II follows.
8. (d) According to statements.



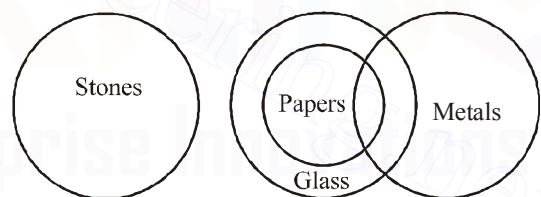
or



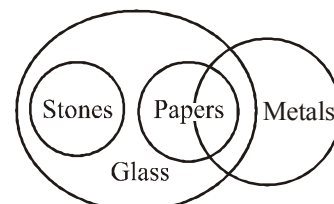
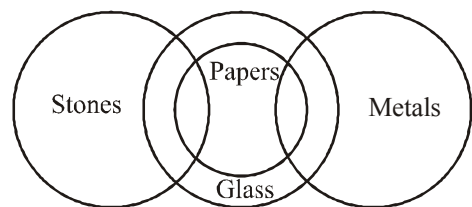
Hence, conclusion I follows.

For questions 9-10 :

According to statements



or



9. (a) Hence, conclusion I follows.
10. (b) Hence, only conclusion II follows.

For questions 11 -15 :

Input :	for	52	all	96	25	jam	road	15	hut	73	bus	stop	38	46
Step I :	all	for	52	25	jam	road	15	hut	73	bus	stop	38	46	96
Step II :	bus	all	for	52	25	jam	road	15	hut	stop	38	46	96	73
Step III :	for	bus	all	25	jam	road	15	hut	stop	38	46	96	73	52
Step IV :	hut	for	bus	all	25	jam	road	15	stop	38	96	73	52	46
Step V :	jam	hut	for	bus	all	25	road	15	stop	96	73	52	46	38
Step VI :	road	jam	hut	for	bus	all	15	stop	96	73	52	46	38	25
Step VII :	stop	road	jam	hut	for	bus	all	96	73	52	46	38	25	15

and step VII is the last step of the arrangement of the above input.

11. (a) Step V : jam hut for bus all 25 road 15 stop 96 73 52 46 38
6th from left

Hence, the number '25' would be at the 6th position from the left in Step V.

12. (d) Step III : for bus all 25 jam road 15 hut stop 38 46 96 73 52

13. (b) Step IV : hut for bus all 25 jam road 15 stop 38 96 73 52 46
8th from right

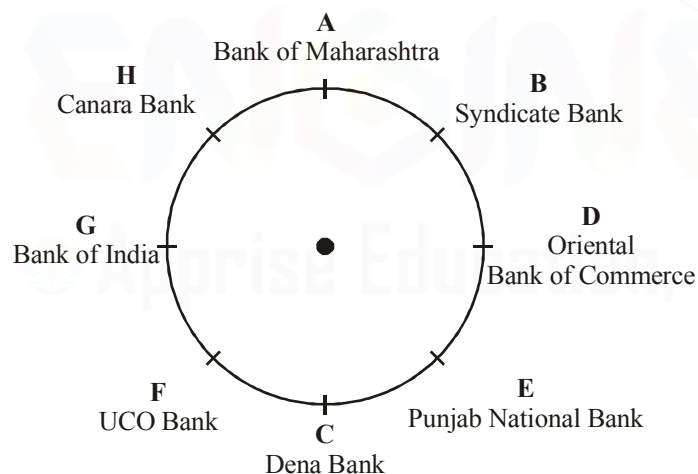
Hence, the word 'road' would be at the 8th position from the right in step IV.

14. (c) Step VII : stop road jam hut for bus all 96 73 52 46 38 25 15

15. (c) Step II : bus all for 52 25 jam road 15 hut stop 38 46 96 73

For questions 16 -20 :

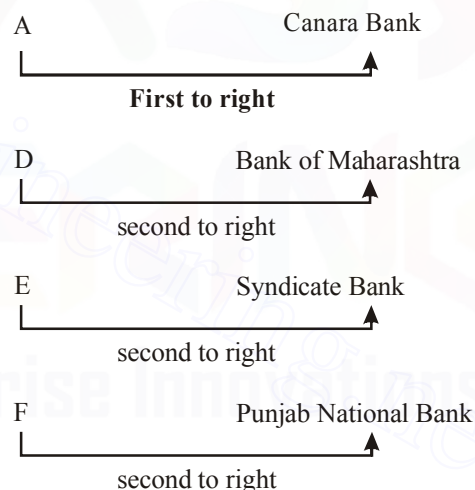
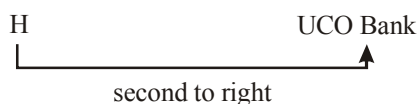
According to the question



16. (c) H (representative of Canara Bank) and A (representative of Bank of Maharashtra) sit exactly between B (representative of syndicate bank) and G (representative of Bank of India).

17. (e) D is the representative from Oriental Bank of Commerce.

18. (b) From options



Hence, 'A – Canara Bank' does not belong to that group.

19. (d) Representative from Punjab National Bank (E) sits second to left of B.

20. (e) The representative from Bank of Maharashtra (A) and Syndicate Bank (B) are immediate neighbours of each other.

21. (c) From statement I.

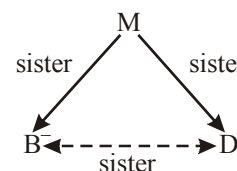
B and D are sisters of M

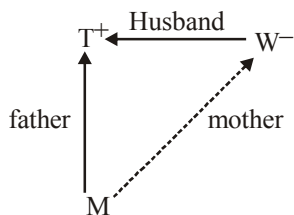
+ indicates Male

– indicates Female

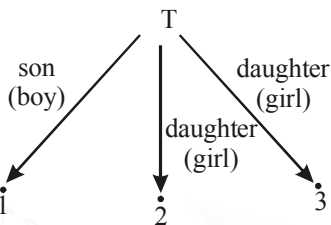
From statement II.

M's father T is husband of W

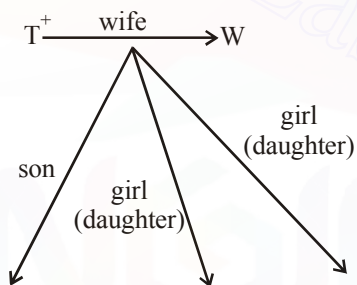


**From statement III**

Out of the three children which T has, only one is a boy.

**From statements II and III**

Since W is the wife of T, Hence W has 2 daughters



So, II and III, are required to answer the question.

22. (d) From statement I,

$E > B > A$.

From statement II

$\bullet > \bullet > \bullet > C > \bullet > \bullet$

From statement III

$\bullet > \bullet > \bullet > \bullet > D > F$

From statements I, II and III

$E > B > A > C > D > F$

Hence E is the tallest.

So, all I, II and III are required to answer the question.

23. (a) From statement I

now or never again \Rightarrow tom ka na sa

From statement II

you come again now \Rightarrow ja ka ta sa

From statement III

again go now or never \Rightarrow na ho ka sa tom

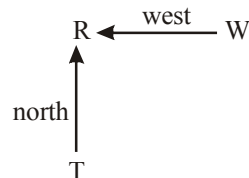
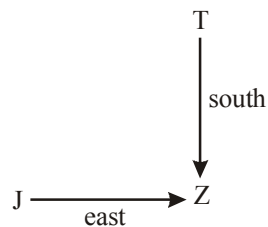
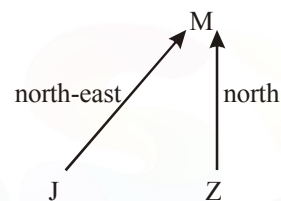
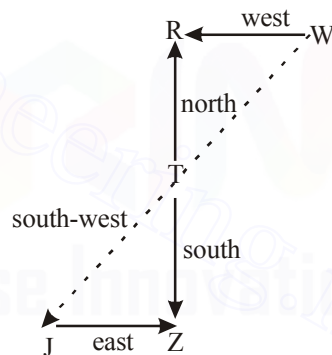
From statement I and III

now or never again \Rightarrow tom ka na sa

again go now or never \Rightarrow na ho ka sa tom

Hence, go \Rightarrow ho

So, only I and III, are required to answer the question.

24. (e) From statement I**From statement II****From statement III****From statement I and II**

Hence, village J is to the south-west of Village W.

So, only I and II are required to answer the question.

25. (e) From statement I, II, III

Monday	Suresh's mother does not visit
Tuesday	
Wednesday	Leave
Thursday	Suresh's mother does not visit
Friday	
Saturday	

From statement II, Suresh visited Chennai the day after his mothers visit and the day of his mother's visit day is not given, so, we cannot answer the question even with all I, II and III.

For questions 26 -30 :

Given information can be tabulated as follows :

	Cars			Destination			Travelling with		Gender M/F
	HC	SD	FI	D	C	H	Yes	No	
P	✓					✓			
Q								R	
R							V	QW	
S			✓						F
T					×		only Z		M
V							R		
W					×			R	
Z					×		only T		

From above table we can conclude the following result

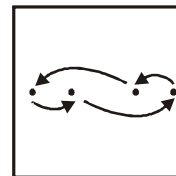
Group	Car	Destination
T ⁺ Z ⁻	SD	Delhi
S ⁻ R ⁺ V ⁺	FI	Chennai
P ⁺ QW	HC	Hyderabad

+ indicates male and – indicates for female

26. (c) P and Q are travelling with W.
 27. (b) P, Q and W are travelling in Honda City.
 28. (a) 29. (d)
 30. (c) members in Ford Ikon car are travelling to Chennai.
 31. (c) Only statement in option (c) provides reason of spate of rail accident in India in the recent month.
 32. (e) Possible fallout may be drought affected area which is not given in any options.
 33. (b) Option (a), (c), and (d) does not explain the effect of given cause. Only option (b) can be effect of damaged roads.
 34. (a) Due to lack of job, it is possible that students don't want to take admission in engineering colleges. Hence option (a) may be probable cause of the above effect.
 35. (c) Only statement (c) says that in previous years, the performance of other management colleges was better than the performance of local colleges.
 36. (d) People are going abroad for better opportunities.
 37. (d) Assumption (d) is implicit in the given statement. If people don't show respect then there is no meaning of this kind of appeal.
 38. (d) From given fact it can be inferred that the government generally provides protection to travellers across the country.
 39. (a) All the three causes will effect the sales of four wheelers.
 40. (c) (A) would not be effective step as it will create a lots of

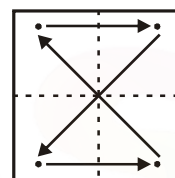
problems to others. Steps (B) and (C) will encourage in favour of the girl child.

41. (b) From 2nd figure to 1st figure, the group of four symbols moves one step clockwise and the symbols change their position as follows :

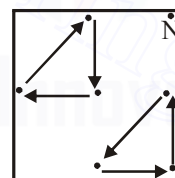


The larger figure gets reduced in size and vice-versa.

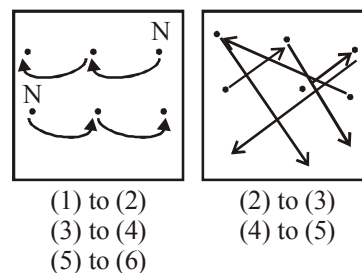
42. (a) From 2nd to 1st figure, lower symbol moves one step upper side, gets enlarged and covers existing design. Inside lowermost symbol change its shape as upper most design.
 43. (c) The symbols of horizontal line become vertical and the symbols of vertical line become horizontal. Other four symbols move their position as follows:



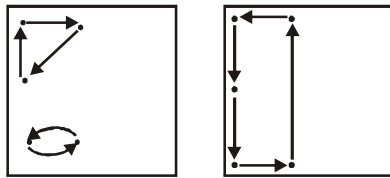
44. (a) From 2nd figure to 1st figure, lower side symbol forms at left, left side design forms at upside after reversing of its one end, upside symbol forms right after reversing of its one end and the right side symbol forms at lowerside after reversing of its one end.
 45. (b) From 2nd figure to 1st figure, the symbol move as follows and new symbols form at the place of N.



46. (b) In each subsequent figure, the symbols of each row arranged as follows :



47. (a) In each subsequent figure the group all symbols moves one side anti-clockwise and each design change their position as follows:



(1) to (2)

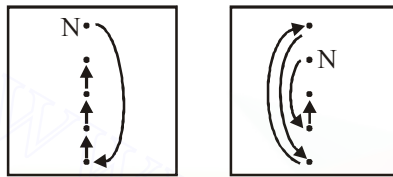
(3) to (4)

(5) to (6)

(2) to (3)

(4) to (5)

48. (e) In each subsequent figure, the group of five symbols arranged in a vertical line moves left to middle, middle to right and right to left. Designs slide as follows and new symbol forms at the place of 'N'.



(1) to (2)

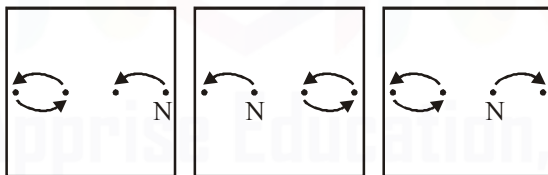
(3) to (4)

(5) to (6)

(2) to (3)

(4) to (5)

49. (b) In each step the symbol shifts to one place anti-clockwise, rotate by 180° and a new symbol is added at the anti-clockwise end.
50. (c) In each subsequent figure, a group of the four symbols rotates 45° anti-clockwise and the symbols change their places as follows and new symbols form at the place of 'N'.



(1) to (2)

(4) to (5)

(2) to (3)

(5) to (6)

(3) to (4)

$$51. (b) \sqrt{11449} \times \sqrt{6241} - (54)^2 = \sqrt{?} + (74)^2$$

$$\Rightarrow \sqrt{?} = 107 \times 79 - 2916 - 5476$$

$$= 8453 - 2916 - 5476 = 61$$

$$\therefore ? = (61)^2 = 3721$$

$$52. (c) ? = [(3\sqrt{8} + \sqrt{8}) \times (8\sqrt{8} + 7\sqrt{8})] - 98$$

$$= (4\sqrt{8} \times 15\sqrt{8}) - 98 = (60 \times 8) - 98$$

$$= 480 - 98 = 382$$

$$53. (a) ? + 5883 = 3463 \times 295 - 18611$$

$$\therefore ? = 1021585 - 18611 - 5883 = 997091$$

$$54. (d) ? = \frac{28}{65} \times \frac{195}{308} \div \frac{39}{44} + \frac{5}{26} = \frac{28}{65} \times \frac{195}{308} \times \frac{44}{39} + \frac{5}{26}$$

$$= \frac{4}{13} + \frac{5}{26} = \frac{8+5}{26} = \frac{13}{26} = \frac{1}{2}$$

$$55. (c) ? + 1147.69 = (23.1)^2 + (48.6)^2 - (39.8)^2$$

$$\therefore ? = 533.61 + 2361.96 - 1584.04 - 1147.69 = 163.84$$

$$56. (e) ? \div 21.003 = \sqrt[3]{4663} + 349$$

$$\Rightarrow ? \div 21 = 17 + 349 = 366$$

$$\therefore ? = 366 \times 21 = 7686 \approx 7680$$

$$57. (c) ? = 4331 \times \frac{39.897}{100} + 5003 \times \frac{58.779}{100}$$

$$= 4330 \times \frac{40}{100} + 5000 \times \frac{59}{100}$$

$$= 1732 + 2950 = 4682 \approx 4700$$

$$58. (c) ? = 59.88 \div 12.21 \times 6.35$$

$$= 60 \div 12 \times 6 = 60 \times \frac{1}{12} \times 6 \approx 30$$

$$59. (e) ? = 43931.03 \div 2111.02 \times 401.04$$

$$\approx 43930 \div 2110 \times 400$$

$$= 43930 \times \frac{1}{2110} \times 400 \approx 8300$$

$$60. (b) ? = \sqrt{6354} \times 34.993 \approx 80 \times 35 = 2800$$

61. (e) The given number series is based on the following pattern:

$$\begin{array}{ccccccccccc} 9050 & & 5675 & & 3478 & & 2147 & & 1418 & & 1075 \\ & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow \\ & - (15)^3 & & - (13)^3 & & - (11)^3 & & - (9)^3 & & - (7)^3 & & - (5)^3 \end{array}$$

Hence, the number 1077 is wrong and it should be replaced by 1075.

62. (d) The given number series is based on the following pattern:

$$\begin{array}{ccccccccccc} 7 & & 12 & & 40 & & 222 & & 1744 & & 17390 & & 208608 \\ & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow \\ \times 2 - (2 \times 1) & & \times 4 - (4 \times 2) & & \times 6 - (6 \times 3) & & \times 8 - (8 \times 4) & & \times 10 - (10 \times 5) & & \times 12 - (12 \times 6) \end{array}$$

Hence, the number 1742 is wrong and it should be replaced by 1744.

63. (c) The given number series is based on the following pattern:

$$\begin{array}{ccccccccccc} 6 & & 91 & & 582 & & 2935 & & 11756 & & 35277 & & 70558 \\ & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow \\ \times 7 + (7)^2 & & \times 6 + (6)^2 & & \times 5 + (5)^2 & & \times 4 + (4)^2 & & \times 3 + (3)^2 & & \times 2 + (2)^2 \end{array}$$

Hence, the number 584 is wrong and it should be replaced by 582.

64. (d) The given number series is based on the following pattern.

$$\begin{array}{ccccccc}
 & & 27 & & & & \\
 & & \boxed{25} & & & & \\
 \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\
 (1)^1 & (2)^2 & (3)^3 & (4)^4 & (5)^5 & (6)^6 & (7)^7
 \end{array}$$

Hence, the number 25 is wrong and it should be replaced by 27.

65. (b) The given number series is based on the following pattern :

$$\begin{array}{ccccccc}
 8424 & 4212 & 2106 & \boxed{1053} & 526.5 & 263.25 & 131.625 \\
 \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\
 \times \frac{1}{2} & \times \frac{1}{2} & \times \frac{1}{2} & \times \frac{1}{2} & \times \frac{1}{2} & \times \frac{1}{2} & \times \frac{1}{2}
 \end{array}$$

Hence, the number 1051 is wrong and it should be replaced by 1053.

66. (e) According to question

Third number = 2400

$$\therefore \text{Second number} = 2400 \times \frac{1}{4} = 600$$

Again,

$$\text{First number} \times \frac{6}{11} = \text{Second number} \times \frac{22}{100}$$

$$\therefore \text{First number} = 600 \times \frac{22}{100} \times \frac{11}{6} = 242$$

$$\therefore 45\% \text{ of the first number} = 242 \times \frac{45}{100} = 108.9$$

67. (d) Required number = $4800 \times \frac{45}{100} \times \frac{40}{100} = 864$

68. (e) Correct Average

$$= \frac{(24 \times 56) + (48 + 59 + 67) - (44 + 45 + 61)}{24}$$

$$= \frac{1344 + 174 - 150}{24} = \frac{1368}{24} = 57$$

69. (c) Suppose the maximum mark of the test be x .

$$\text{Then, } \frac{468 \times 100}{x} = \frac{336 \times 100}{700}$$

$$\therefore x = \frac{468 \times 100 \times 700}{336 \times 100} = 975$$

70. (b) Rate of simple interest = $\frac{\text{Interest} \times 100}{\text{Principal} \times \text{time}}$

$$= \frac{10800 \times 100}{22500 \times 4} = 12\%$$

$$\text{Compound interest} = \text{Principal} \left[\left(1 + \frac{\text{rate}}{100} \right)^{\text{time}} - 1 \right]$$

$$= 22500 \left[\left(1 + \frac{12}{100} \right)^2 - 1 \right]$$

$$= 22500 \left[\left(1 + \frac{3}{25} \right)^2 - 1 \right]$$

$$= 22500 \left[\left(\frac{28}{25} \right)^2 - 1 \right] = 22500 \left(\frac{784}{625} - 1 \right)$$

$$= 22500 \times \frac{159}{625} = ₹ 5724$$

71. (a) Value of one ticket of each kind = $55 + 85 + 105 = ₹ 245$

\therefore Required number of ticket of each kind

$$= \frac{2940}{245} = 12$$

72. (b) Ravina's monthly income

$$= 32000 \times \frac{100 + 15}{100} = 32000 \times \frac{115}{100} = ₹ 36800$$

$$= \text{Ramola's annual income} = 36800 \times 3 \times 12 = ₹ 1324800$$

73. (d) Marks scored by Ritu = $875 \times \frac{56}{100} = 490$

$$\text{Marks scored by Smita} = 875 \times \frac{92}{100} = 805$$

\therefore Average marks scored by all the three together

$$= \frac{490 + 805 + 634}{3} = \frac{1929}{3} = 643$$

74. (e) According to the question

Present age of Parineeta = $33 - 9 = 24$ years

Present age of Manisha = $24 - 9 = 15$ years

Present age of Deepali = $24 + 15 = 39$ years

$$\therefore 5 : X = 15 : 39$$

$$\therefore X = \frac{5 \times 39}{15} = 13$$

75. (c) Cost of one pencil box = $7 + 22 + 14 = ₹ 43$

$$\therefore \text{Required amount} = (20 \times 7) + (8 \times 22) + (6 \times 175) + (7 \times 43) = 140 + 176 + 1050 + 301 = ₹ 1667$$

76. (a) According to question,

$$n(S) = {}^{14}C_4 = \frac{14!}{(14-4)!4!} = \frac{14!}{10!4!}$$

$$= \frac{14 \times 13 \times 12 \times 11}{4 \times 3 \times 2 \times 1} = 1001 \left[\because {}^nC_r = \frac{n!}{(n-r)!r!} \right]$$

$$\text{and } n(E) = {}^5C_2 \times {}^2C_2 = \frac{5!}{(5-2)!2!} \times \frac{2!}{(2-2)!2!}$$

$$= \frac{5 \times 4}{2 \times 1} \times \frac{2 \times 1}{1 \times 2 \times 1} = 10$$

$$\therefore \text{Required probability} = \frac{n(E)}{n(S)} = \frac{10}{1001}$$

77. (c) According to question,

$$n(S) = {}^{14}C_8 = \frac{14!}{(14-8)!8!} \times \frac{14!}{6!8!}$$

$$= \frac{14 \times 13 \times 12 \times 11 \times 10 \times 9}{6 \times 5 \times 4 \times 3 \times 2 \times 1} = 3003$$

$$\text{and } n(E) = {}^4C_2 \times {}^5C_2 \times {}^2C_2 \times {}^3C_2$$

$$= \frac{4!}{(4-2)!2!} \times \frac{5!}{(5-2)!2!} \times \frac{2!}{(2-2)!2!} \times \frac{3!}{(3-2)!2!}$$

$$= \frac{4!}{2!2!} \times \frac{5!}{3!2!} \times \frac{2!}{0!2!} \times \frac{3!}{1!2!}$$

$$= \frac{4 \times 3}{2 \times 1} \times \frac{5 \times 4}{2 \times 1} \times \frac{1}{1} \times \frac{3}{1} = 180$$

$$\therefore \text{Required probability} = \frac{n(E)}{n(S)} = \frac{180}{3003} = \frac{60}{1001}$$

78. (e) According to question,

$$n(S) = {}^{14}C_2 = \frac{14!}{(14-2)!2!} = \frac{14 \times 13}{2 \times 1} = 91$$

\therefore Probability of at least one red ball

$$= 1 - \frac{{}^{12}C_2}{{}^{14}C_2} = 1 - \frac{66}{91} = \frac{91-66}{91} = \frac{25}{91}$$

79. (2) According to question,

$$n(S) = {}^{14}C_3 = \frac{14!}{(14-3)!3!} = \frac{14 \times 13 \times 12}{3 \times 2 \times 1} = 364$$

\therefore Required probability

$$= 1 - \frac{{}^{11}C_3}{{}^{14}C_3} = 1 - \frac{165}{364} = \frac{364-165}{364} = \frac{199}{364}$$

80. (e) According to question,

$$n(S) = {}^{14}C_3 = \frac{14!}{(14-3)!3!} = \frac{14 \times 13 \times 12}{3 \times 2 \times 1} = 364$$

$$\text{and } n(E) = {}^{10}C_3 = \frac{10!}{(10-3)!3!} = \frac{10 \times 9 \times 8}{3 \times 2 \times 1} = 120$$

$$\therefore \text{Required probability} = \frac{n(E)}{n(S)} = \frac{120}{364} = \frac{30}{91}$$

$$\begin{aligned} 81. (e) \text{ Required ratio} &= 34560 \times \frac{55}{100} : 45640 \times \frac{45}{100} \\ &= 19008 : 20538 = 1056 : 1141 \end{aligned}$$

82. (e) Required percentage

$$\begin{aligned} &= \frac{55500 \times \frac{41}{100}}{34560 + 65900 + 45640 + 55500 + 42350 + 59650} \times 100 \\ &= \frac{22755}{303600} \times 100 = 7.495 \simeq 7.5\% (\text{Approx}) \end{aligned}$$

83. (d) Required percentage

$$\begin{aligned} &= \frac{45640 \times \frac{20}{100}}{59650 \times \frac{14}{100}} \times 100 = \frac{9128}{8351} \times 100 = 109.30\% \end{aligned}$$

84. (c) Required Number

$$= 65900 \times \frac{20}{100} + 55500 \times \frac{33}{100} = 13180 + 18315 = 31495$$

85. (a) Required Average Number

$$\begin{aligned} &= \frac{34560 \times \frac{55}{100} + 65900 \times \frac{43}{100} + 45640 \times \frac{45}{100} + 55500 \times \frac{26}{100} + 42350 \times \frac{70}{100} + 59650 \times \frac{62}{100}}{6} \\ &= \frac{19008 + 28337 + 20538 + 14430 + 29645 + 36983}{6} \end{aligned}$$

$$= \frac{148941}{6} = 24823.5$$

86. (b) Required percentage

$$= \frac{14.4^\circ}{122.4^\circ} \times 100 = 11.765 \simeq 12\% (\text{Approx})$$

$$87. (a) \text{ Required Number} = \left(\frac{57.6^\circ + 64.8^\circ}{360^\circ} \right) \times 6800$$

$$= \frac{122.4^\circ}{360^\circ} \times 6800 = 2312$$

88. (c) Required difference

$$= \frac{(79.2^\circ + 14.4^\circ) - (122.4^\circ + 21.6^\circ)}{360^\circ} \times 6800$$

$$= \frac{93.6^\circ - 144.0^\circ}{360^\circ} \times 6800 = 952$$

89. (d) Required percentage

$$= \frac{64.8^\circ + 21.6^\circ}{360^\circ} \times 100 = \frac{86.4^\circ}{360^\circ} \times 100 = 24\%$$

90. (a) Required Ratio = $21.6^\circ : 79.2^\circ = 3 : 11$

91. (b) Marks scored by Anushka

$$\begin{aligned} &= 150 \times \frac{66}{100} + 100 \times \frac{75}{100} + 150 \times \frac{88}{100} \\ &\quad + 125 \times \frac{56}{100} + 75 \times \frac{56}{100} + 50 \times \frac{90}{100} \\ &= 99 + 75 + 132 + 70 + 42 + 45 = 463 \end{aligned}$$

92. (d) Marks scored by Archit

$$\begin{aligned} &= 150 \times \frac{82}{100} + 100 \times \frac{76}{100} + 150 \times \frac{84}{100} + 125 \times \\ &\quad \times \frac{96}{100} + 75 \times \frac{92}{100} + 50 \times \frac{88}{100} \\ &= 123 + 76 + 126 + 120 + 69 + 44 = 558 \end{aligned}$$

Marks scored by Arpan

$$\begin{aligned} &= 150 \times \frac{76}{100} + 100 \times \frac{66}{100} + 150 \times \frac{78}{100} + 125 \times \\ &\quad \times \frac{88}{100} + 75 \times \frac{72}{100} + 50 \times \frac{70}{100} \\ &= 114 + 66 + 117 + 110 + 54 + 35 = 496 \end{aligned}$$

Marks scored by Garvita

$$\begin{aligned} &= 150 \times \frac{90}{100} + 100 \times \frac{88}{100} + 150 \times \frac{96}{100} + 125 \times \\ &\quad \times \frac{76}{100} + 75 \times \frac{84}{100} + 50 \times \frac{86}{100} \\ &= 135 + 88 + 144 + 95 + 63 + 43 = 568 \end{aligned}$$

Marks scored by Gunit.

$$\begin{aligned} &= 150 \times \frac{64}{100} + 100 \times \frac{70}{100} + 150 \times \frac{68}{100} + 125 \times \\ &\quad \times \frac{72}{100} + 75 \times \frac{68}{100} + 90 \times \frac{74}{100} \\ &= 96 + 70 + 102 + 90 + 51 + 37 = 446 \end{aligned}$$

Marks scored by Pranita

$$\begin{aligned} &= 150 \times \frac{48}{100} + 100 \times \frac{56}{100} + 150 \times \frac{50}{100} + 125 \times \\ &\quad \times \frac{64}{100} + 75 \times \frac{64}{100} + 50 \times \frac{58}{100} \\ &= 72 + 56 + 75 + 80 + 48 + 29 = 360 \end{aligned}$$

Hence, highest total marks scored by Garvita.

93. (c) Required percentage = $\frac{88}{76} \times 100 = 115.79\%$

94. (b) Two students i.e. Garvita strategic management brand management & compensation management and Archit consumer behaviour service marketing.

95. (a) Required Average Marks

$$= \frac{(88 + 84 + 78 + 96 + 68 + 50) \times 150}{100 \times 6} = \frac{464 \times 150}{600} = 116$$

96. (d) Required percentage

$$= \frac{15000 + 30000}{5000 + 35000 + 15000 + 25000 + 30000 + 30000} \times 100$$

$$= \frac{45000}{140000} \times 100 = 32.14 \approx 32\% (\text{Approx})$$

97. (e) In 2009

Total number of girls = $(20 + 20 + 15)$

$$\times \frac{38}{100} \times 1000 = \frac{55 \times 38 \times 100}{100} = 17100$$

Total number of boys = $45000 - 17100 = 27900$

Total number of boys who opted for Mathematics

$$= 27900 \times \frac{5}{45} = 3100$$

98. (a) Required Ratio = $(25 + 30) : (5 + 20) = 55 : 25 = 11 : 5$

99. (b) Required Percentage = $\frac{(15 + 10 + 15) \times 1000}{455030} \times 100$

$$= \frac{40 \times 1000}{455030} \times 100 = 8.79 \approx 9\% (\text{Approx})$$

100. (e) Required total number of students

$$\begin{aligned} &= (5 + 35 + 15 + 15 + 20 + 5) \times 1000 \\ &= 95 \times 1000 = 95000 \end{aligned}$$

101. (a) For attempting this type of questions it is important to correlate what is being stated before the blank space and what is stated after the blank.

While it is also important to see in which direction the passage will go if a particular choice is selected.

In this question, women's rights treaty being ratified by a number of countries is discussed so in the following sentence effects of these should be discussed. Option (b) can be rejected as for solving the problems treaty was ratified. (c) is a judgmental statement and should be avoided when no certain information is available. (d) can fit well before the ratification of the treaty but not after it. There should be a continuation in passage. Option (e) is incorrect for the logic that first basic rights will be achieved and then only empowering can be mentioned. This option is one step further and not about the women's right.

102. (c) Option (b) & (d) can be rejected as climate change is mentioned nowhere in the passage. After the blank global warming is mentioned and before it global dimming. So blank can work as a connector for both of these. Option (c) includes both. Hence this is the best option. (e) is like deciding in haste without understanding the intent of passage.
103. (a) Before blank space a question is posed. And after the blank space reasons which can be associated with poor people themselves is discussed so the blank space should have a special mention of poor people whether in form of question or a simple statement (b) & (d) won't fit well here so they can be ruled out.
Rich is not even introduced in passage till this point, therefore option (e) can also be rejected. Additionally Option (a) gives a logical and sensible flow to the passage.
104. (a) Only option which is positive for notebooks and is in accordance with their prices coming down is (a). Option (b) is against what is being said in the last line of the passage. (c) is completely illogical and hard to come by as it talks about the prices of components coming down but prices note books soring high. (e) is also in different direction and is not related to spirit of passage. Option (d) is about desktops not note books.
105. (b) Sentence before the blank space is about the population and after it about the rush in for college education Option (b) is related to both the statements (before and after the blank) (e) is repetition of what is said in opening statement. (a) is like sudden intrusion of government's angle in passage with no relation to statements preceding and following the blank space.
- 106-110. Use of words like 'contrastingly' and 'these' in most of the sentences imply that some sentences precede these sentences. Only Statement which introduces the topic of discussion is Option (e). So it is the first sentence of sequence. Statement 3 extends the topic of books. So follows naturally. 'these two types' of Statement 7 are two types discussed in Statement 3. Statement 6 is about CRMs so the just before it there should be discussion of NRMs. Last statement is 2 as it finishes the passage on summarizing note. So the correct order of sentences is 5374612.
106. (e) 107. (b) 108. (d) 109. (c) 110. (c)
111. (d) Option (d) is the answer and there are two reasons for it. First one is that from the context of situation independence of women from the man's world is indicated so some word to show dependency should be used. Depend and Rest both show dependence so these are the answers. Second one is that as blank space is followed by ON a word that connects grammatically so it should be used. Both 'depend on' and 'rest on' are the correct usage, so it confirms the selection on basis of the first reason. Other options are not logical.
112. (e) Confiscated – means to officially take something away from somebody, especially as a punishment.
Seized definitely fits in the blank therefore option E is correct.
113. (a) Organization and mission are two words which can be connected with committed or dedicated both the verbs - organizations committed/ dedicated toObjectives. Other words like kicked off/inaugurated/ succumbed do not match for objectives of organization.
114. (c) Holding and Possessing both gives the same meaning and sense to the sentence. Surrendering is inappropriate. Mastering can not be linked with passports. Fixating is also incorrect for the blank space as it gives no logical sense to the sentence. Examining can grammatically fit into the blank but not in the context of passage and would give a different direction to what is being said in the sentence.
115. (d) 'Next big thing' is always a projection or a decision based on current situation. It is neither worshipped nor shouted nor explained. Rather next big thing is touted or labeled on basis of projection.
116. (e) **Dictionary Meaning of MASK -**
1. A covering worn on the face to conceal one's identity,
2. A protective covering for the face or head.
117. (d)
118. (a)
119. (c) **Dictionary Meaning of MEAN -**
1. (a) To be used to convey; denote.
(b) To act as a symbol of; signify or represent
2. To be mean – cheap, selfish or negativity attached to it.
120. (b) **Dictionary Meaning of ALONE -**
1. Being apart from others; solitary.
2. Being without anyone or anything else; only.
3. Considered separately from all others of the same class.
4. Being without equal; unique
Synonyms: alone, lonely, lonesome, solitary
121. (c) We plan for future as sentence is about planning for future.
122. (d)
123. (d) A word like 'place' or 'put' can be used. Other words would give different direction to the passage.
124. (d) Feature is best among the options for something to appear in a plan.
125. (d) Next suits best.
126. (c) Need of power for India is being mentioned so 'require' is proper word for denoting it.
127. (c) An effort for fulfilling the energy need of India is being discussed in this part of passage. Projections / development or other options are not discussed here.
128. (e) It is an unexpected line so either option (d) or (e) is to be used. But the structure and place of blank space suits more to option (e).

129. (d) Contrasting word with the supply and cost should be used. Supply is there but at higher cost. Supply is low but cost is low. So first case is relevant here as per the context of the passage.
130. (a) Limited nuclear power/energy is referred here up to a particular time.
131. (e) Figures are not certain and only can be expected.
132. (a) A combination of words with question no. 33 has to be found out.
133. (a) Expectation line was crossed so for blank in 32. And 33. As, against is to be used.
134. (b) 'Through' gives a right usage for the context. Other options are not in line with context and also not grammatically correct.
135. (d) With lives 'touching' is proper word to use. Making, generating are incorrect with 'lives'. Saving is illogical and out of context. Lightening lives is a too strong word for the context.
136. (a) Option (c) can be rejected as it is out of the context. Option (d) is also not true as they like to invest abroad than in India. Option (e) is true in parts. Only option which is in sync with major portion of passage is (a).
137. (a) Other options are not mentioned in the passage.
138. (c) Last part of the passage chiefly describes it. Other options show these sectors in positive light which is against passage content.
139. (b) Option (b) is true in its completeness, encompassing the whole of the passage. But other options are true in parts only. Option (e) is false in parts.
140. (c) Both (1) and (3) are directly mentioned in passage. Statement 2 is just not true.
141. (c) Meaning of Clout is force.
142. (e) Marked means distinguished and different. Imperceptible is that cannot be distinguished or perceived.
143. (d) Option (d) can be related to the experts as mentioned in the passage.
144. (d) Option (d) has plenty of illustrations, references and structure to support it in the passage. Other options like (e) and (b) are true but not the central theme of the passage. Option (a) and (c) are not true.
145. (d) PROMOTES means to advocate a particular cause.
146. (e) A rise from the 4% level to 7 % says that there is rise in education in Egypt.
147. (a) All of the options are mentioned in one or other part of the passage.
148. (c) First line of the passage is self explanatory.
149. (b) Only option which can be linked with the passage is 1. Their people will agitate for greater political freedom, culminating in a shift to a more democratic form of government.
150. (c) Option (a) is wrong as this is not intended from the use of this phrase. Last part of passage has this phrase and poor-rich divide has been discussed their in voting pattern or why rich people even educated do not vote. Option (d) is out of the context. Option (e) can also be rejected as corruption is not the issue here.
151. (b) Bangladesh honoured former Indian Prime Minister Mrs. Indira Gandhi with its highest state award, 'Bangladesh Swadhinata Sanmanona' for her outstanding contribution to the country's 1971 'Liberation War'.
152. (d) 153. (d) 154. (d) 155. (e) 156. (c)
157. (d) 158. (b) 159. (b) 160. (d) 161. (a)
162. (c) Rising global iron-one prices driven by Chinese demand brought forces to the iron ore rich Bellary region of Karnataka. This iron one is alleged to have been illegally mind after paying a miniscule royalty to the government. The major regularities involve mines of Obulapuram Mining Company Owned by G. Karunakara Reddy and G. Jnardhana Reddy who were ministers in the Government of Karnataka.
163. (d)
164. (a) In fixed deposit you deposit a certain some for a definite period. You can opt either for periodical (monthly/quarterly/half yearly or annually) returns or simply opt to get the amount with accumulated interest at the end of the prescribed period. In recurring deposit, you pay a fixed amount at regular intervals (say 100 PM for 12 months). You will get back the amount with accumulated interest at the end of the prescribed period.
165. (e) 166. (d) 167. (a) 168. (c) 169. (e)
170. (d) 171. (d) 172. (e) 173. (d) 174. (b)
175. (b) 176. (a) 177. (a) 178. (e) 179. (c)
180. (b) 181. (a) 182. (e) 183. (c) 184. (e)
185. (a) 186. (e) 187. (b) 188. (c) 189. (a)
190. (e) 191. (c) 192. (d) 193. (b) 194. (b)
195. (e) 196. (c) 197. (b) 198. (d) 199. (c)
200. (d) 201. (a) 202. (a) 203. (e) 204. (d)
205. (c) 206. (c) 207. (a) 208. (c) 209. (c)
210. (a) 211. (a) 212. (c) 213. (a) 214. (c)
215. (d) 216. (e) 217. (e) 218. (c) 219. (c)
220. (b) 221. (b) 222. (b) 223. (b) 224. (d)
225. (c) 226. (a) 227. (a) 228. (d) 229. (e)
230. (b) 231. (b) 232. (b) 233. (d) 234. (a)
235. (b) 236. (d) 237. (e) 238. (e) 239. (c)
240. (d) 241. (e) 242. (c) 243. (e) 244. (e)
245. (a) 246. (a) 247. (b) 248. (d) 249. (c)
250. (b)

IBPS PO/MT EXAM 2012

Based on Memory

REASONING ABILITY

DIRECTIONS (Qs. 1-4) : Study the following information carefully and answer the given questions :

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement (**All the numbers are two digits numbers**)

Input : tall 48 13 rise alt 99 76 32 wise jar high 28 56 bam
Step I : 13 tall 48 rise 99 76 32 wise jar high 28 56 bam alt
Step II : 28 13 tall 48 rise 99 76 32 wise jar high 56 alt bam
Step III : 32 28 13 tall 48 rise 99 76 wise jar 56 alt bam high
Step IV : 48 32 28 13 tall rise 99 76 wise 56 alt bam high jar
Step V : 56 48 32 28 13 tall 99 76 wise alt bam high jar rise
Step VI : 76 56 48 32 28 13 99 wise alt bam high jar rise tall
Step VII : 99 76 56 48 32 28 13 alt bam high jar rise tall wise
and Step VII is the last step of the above input, as the desired arrangement is obtained.

As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

Input : 84 why sit 14 32 not best ink feet 51 27 vain 68 92
(All the numbers are two digits numbers)

- Which step number is the following output ?
32 27 14 84 why sit not 51 vain 92 68 feet best ink
(a) Step V (b) Step VI
(c) Step IV (d) Step III
(e) There is no such step
- Which word/number would be at 5th position from the right in Step V ?
(a) 14 (b) 92
(c) feet (d) best
(e) why
- How many elements (words or numbers) are there between 'feet' and '32' as they appear in the last step of the output ?
(a) One (b) Three
(c) Four (d) Five
(e) Seven
- Which of the following represents the position of 'why' in the fourth step ?
(a) Eighth from the left (b) Fifth from the right
(c) Sixth from the left (d) Fifth from the left
(e) Seventh from the left

DIRECTIONS (Qs. 5-11) : Study the following information carefully and answer the given questions :

A, B, C, D, E, F, G and H are sitting around a circle facing the centre but not necessarily in the same order.

- B sits second to left of H's husband. No female is an immediate neighbour of B.
- D's daughter sits second to right of F. F is the sister of G. F is not an immediate neighbour of H's husband.

- Only one person sits between A and F. A is the father of G. H's brother D sits to the immediate left of H's mother. Only one person sits between H's mother and E.
 - Only one person sits between H and G. G is the mother of C. G is not an immediate neighbour of E.
- What is position of A with respect to his mother-in-law ?
(a) Immediate left (b) Third to the right
(c) Third to the left (d) Second to the right
(e) Fourth to the left
 - Who amongst the following is D's daughter ?
(a) B (b) C
(c) E (d) G
(e) H
 - What is the position of A with respect to his grandchild ?
(a) Immediate right (b) Third to the right
(c) Third to the left (d) Second to the left
(e) Fourth to the left
 - How many people sit between G and her uncle ?
(a) One (b) Two
(c) Three (d) Four
(e) More than four
 - Four of the following five are alike in a certain way based on the given information and so form a group. Which is the one that does not belong to that group ?
(a) F (b) C
(c) E (d) H
(e) G
 - Which of the following is true with respect to the given seating arrangement ?
(a) C is the cousin of E
(b) H and H's husband are immediate neighbours of each other
(c) No female is an immediate neighbour of C
(d) H sits third to left of her daughter
(e) B is the mother of H
 - Who sits to the immediate left of C ?
(a) F's grandmother (b) G's son
(c) D's mother-in-law (d) A
(e) G

DIRECTIONS (Qs. 12-18) : In each group of questions below are two/three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the two/three statements disregarding commonly known facts.

Give answer (a) if only conclusion I follows;

Give answer (b) if only conclusion II follows;

Give answer (c) if either conclusion I or conclusion II follows;

Give answer (d) if neither conclusion I nor conclusion II follows;

Give answer (e) if both conclusion I and conclusion II follow.

12. **Statements** : Some exams are tests. No exam is a question.
Conclusions : I. No question is a test.
 II. Some tests are definitely not exams.
13. **Statements** : All forces are energies. All energies are powers. No power is heat.
Conclusions : I. Some forces are definitely not powers.
 II. No heat is force.
14. **Statements** : All forces are energies. All energies are powers. No power is heat.
Conclusions : I. No energy is heat.
 II. Some forces being heat is a possibility.
15. **Statements** : No note is a coin. Some coins are metals. All plastics are notes.
Conclusions : I. No coin is plastic.
 II. All plastics being metals is a possibility.
16. **Statements** : No note is a coin. Some coins are metals. All plastics are notes.
Conclusions : I. No metal is plastic.
 II. All notes are plastics.
17. **Statements** : Some symbols are figures. All symbols are graphics. No graphic is a picture.
Conclusions : I. Some graphics are figures.
 II. No symbol is a picture.
18. **Statements** : All vacancies are jobs. Some jobs are occupations.
Conclusions : I. All vacancies are occupations.
 II. All occupations being vacancies is a possibility.

DIRECTIONS (Qs. 19-21) : Study the following information carefully to answer the given questions :

Each of the six friends, A, B, C, D, E and F scored different marks in an examination. C scored more than only A and E. D scored less than only B. E did not score the least. The one who scored the third highest marks scored 81 marks. E scored 62 marks.

19. Which of the following could possibly be C's score ?
 (a) 70 (b) 94
 (c) 86 (d) 61
 (e) 81
20. Which of the following is true with respect to the given information ?
 (a) D's score was definitely less than 60
 (b) F scored the maximum marks
 (c) Only two people scored more than C
 (d) There is a possibility that B scored 79 marks
 (e) None is true
21. The person who scored the maximum, scored 13 marks more than F's marks. Which of the following can be D's score ?
 (a) 94 (b) 60
 (c) 89 (d) 78
 (e) 81

DIRECTIONS (Qs. 22-29) : Study the following information carefully to answer the given questions :

Eight persons from different banks viz. UCO bank, Syndicate bank, Canara bank, PNB, Dena Bank, Oriental Bank of Commerce, Indian bank and Bank of Maharashtra are sitting in two parallel rows containing four people each, in such a way that there is an equal distance between adjacent persons. In row-1 A, B, C and D are seated and all of them are facing south. In row-2 P, Q, R and S are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. (All the information given above does not necessarily represent the order of seating as in the final arrangement)

- C sits second to right of the person from Bank of Maharashtra. R is an immediate neighbour of the person who faces the person from Bank of Maharashtra.
 - Only one person sits between R and the person for PNB. Immediate neighbour of the person from PNB faces the person from Canara Bank.
 - The person from UCO bank faces the person from Oriental Bank of Commerce. R is not from Oriental Bank of Commerce. P is not from PNB. P does not face the person from Bank of Maharashtra.
 - Q faces the person from Dena bank. The one who faces S sits to the immediate left of A.
 - B does not sit at any of the extreme ends of the line. The person from Bank of Maharashtra does not face the person from Syndicate bank.
22. Which of the following is true regarding A ?
 (a) The person from UCO bank faces A
 (b) The person from Bank of Maharashtra is an immediate neighbour of A
 (c) A faces the person who sits second to right of R
 (d) A is from Oriental Bank of Commerce
 (e) A sits at one of the extreme ends of the line
23. Who is seated between R and the person from PNB ?
 (a) The person from Oriental Bank of Commerce
 (b) P
 (c) Q
 (d) The person from Syndicate bank
 (e) S
24. Who amongst the following sit at extreme ends of the rows?
 (a) D and the person from PNB.
 (b) The person from Indian bank and UCO bank.
 (c) The person from Dena bank and P.
 (d) The persons from Syndicate bank and D.
 (e) C, Q
25. Who amongst the following faces the person from Bank of Maharashtra ?
 (a) The person from Indian bank
 (b) P
 (c) R
 (d) The person from Syndicate bank
 (e) The person from Canara bank

26. P is related to Dena bank in the same way as B is related to PNB based on the given arrangement. To who amongst the following is D related to, following the same pattern ?
 (a) Syndicate bank (b) Canara bank
 (c) Bank of Maharashtra (d) Indian bank
 (e) Oriental Bank of Commerce
27. Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that does not belong to that group ?
 (a) Canara bank (b) R
 (c) Syndicate bank (d) Q
 (e) Oriental Bank of Commerce
28. Who amongst the following is from Syndicate bank ?
 (a) C (b) R
 (c) P (d) D
 (e) A
29. C is from which of the following banks ?
 (a) Dena bank
 (b) Oriental Bank of Commerce
 (c) UCO bank
 (d) Syndicate bank
 (e) Canara bank
31. There are six letters W, A, R, S, N and E. Is 'ANSWER' the word formed after performing the following operations using these six letters only ?
 (I) E is placed fourth to the right of A. S is not placed immediately next to either A or E.
 (II) R is placed immediately next (either left or right) to E. W is placed immediately next (either left or right) to S.
 (III) Both N and W are placed immediately next to S. The word does not begin with R. A is not placed immediately next to W.
32. Point D is in which direction with respect to Point B ?
 (I) Point A is to the west of Point B. Point C is to the north of Point B. Point D is to the south of Point C.
 (II) Point G is to the south of Point D. Point G is 4 m from Point B. Point D is 9 m from Point B.
 (III) Point A is to the west of Point B. Point B is exactly midway between Points A and E. Point F is to the south of Point E. Point D is to the west of Point F.
33. How is 'one' coded in the code language ?
 (I) 'one of its kind' is coded as 'zo pi ko fe' and 'in kind and cash' is coded as 'ga, to ru ko'
 (II) Its point for origin' is coded as 'ba le fe mi' and 'make a point clear' is coded as 'yu si mi de'
 (III) 'make money and cash' is coded as 'to mi ru hy' and 'money of various kind' is coded as 'qu ko zo hy'.
34. Are all the four friends viz. A, B, C and D who are sitting around a circular table, facing the centre ?
 (I) B sits second to right of D. D faces the centre. C sits to immediate right of both B and D.
 (II) A sits to immediate left of B. C is not an immediate neighbour of A. C sits to immediate right of D.
 (III) D is an immediate neighbour of both A and C. B sits to the immediate left of A. C sits to the immediate right of B.

DIRECTIONS (Qs. 30-34) : Each of the questions below consists of a question and three statements numbered I, II and III given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read all the three statements and —

Give answer (a) if the data in Statement I and II are sufficient to answer the question, while the data in Statement III are not required to answer the question

Give answer (b) if the data in Statement I and III are sufficient to answer the question, while the data in Statement II are not required to answer the question

Give answer (c) if the data in Statement II and III are sufficient to answer the question, while the data in Statement I are not required to answer the question

Give answer (d) if the data in either Statement I alone or Statement II alone or Statement III alone are sufficient to answer the question.

Give answer (e) if the data in all the Statements I, II and III together are necessary to answer the question.

30. Among six people P, Q, R, S, T and V each lives on a different floor of a six storey building having six floors numbered one to six (the ground floor is numbered 1, the floor above it, number 2 and so on and the topmost floor is numbered 6). Who lives on the topmost floor ?
 (I) There is only one floor between the floors on which R and Q live. P lives on an even numbered floor.
 (II) T does not live on an even numbered floor. Q lives on an even numbered floor. Q does not live on the topmost floor.
 (III) S lives on an odd numbered floor. There are two floors between the floors on which S and P live. T lives on a floor immediately above R's floor.
35. Which of the following statements is an assumption implicit in the given statement ? (An assumption is something supposed or taken for granted.)
 (a) Chemical fertilisers harm the crop.
 (b) A farm's area for organic and chemical farming is different.
 (c) Farmers who do not use chemical fertilizers in the chemical farming area would be penalized as well.
 (d) All farmers undertake both these kinds of farming (chemical as well as organic) in their farms.
 (e) Organic fertilizers are banned in the area for chemical farming.

DIRECTION (Qs. 35) : Read the following information carefully and answer the question which follows :

Farmers found using chemical fertilizers in the organic-farming area of their farms would be heavily fined.

DIRECTION (Qs. 36) : Read the following information carefully and answer the questions which follow:

Small brands are now looking beyond local grocery stores and are tying up with Supermarkets such as Big Bazaar to pull their business out of troubled waters.

36. Which of the following can be inferred from the given information ? (An inference is something that is not directly stated but can be inferred from the given information)
- Merchandise of smaller brands would not be available at local grocery stores in the near future.
 - Smaller brands cannot compete with bigger ones in a supermarket set-up.
 - There is a perception among small brands that sale in a supermarket is higher than that of small grocery stores.
 - Supermarkets generate more revenue by selling products of bigger brands as compared to the smaller ones.
 - Smaller brands have always had more tie-ups with supermarkets as compared to small grocery stores.

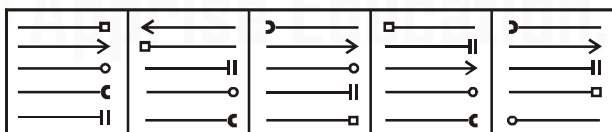
DIRECTIONS (Qs. 37-40) : These questions are based on the information given above and the sentences labeled (A), (B), (C), (D), (E) and (F) as given below.

- A smaller brand manufacturing a certain product of quality comparable with that of a bigger brand, makes much more profit from the local grocery stores than from the supermarkets.
- As the supermarkets have been set up only in bigger cities at present, this step would fail to deliver results in the smaller cities.
- Supermarkets help the smaller brands to break into newer markets without investing substantially in distribution.

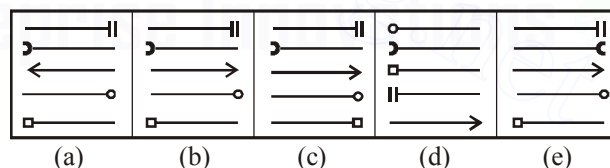
- Supermarkets charge the smaller brands 10% higher than the amount charged to the bigger brands.
 - Being outnumbered by the bigger brands, visibility of the smaller brands at local grocery stores is much lower as compared to the supermarkets.
 - Smaller brands are currently making substantial losses in their businesses.
37. Which of the statements numbered (A), (B), (C), (D), (E) and (F) can be assumed from the facts/ information given in the statement ? (An assumption is something supposed or taken for granted)
- Only (A)
 - Only (B)
 - Both (B) and (C)
 - Both (D) and (E)
 - Only (F)
38. Which of the statements numbered (A), (B), (C), (E) and (F) represents a disadvantage of the small grocery stores over the Supermarkets from the perspective of a smaller brand ?
- Only (A)
 - Only (C)
 - Only (E)
 - Only (F)
 - Both (B) and (C)
39. Which of the statements (A), (B), (C), (D) and (E) mentioned above represents a reason for the shift from local grocery stores to supermarkets by the smaller brands ?
- Only (A)
 - Only (B)
 - Only (D)
 - Both (A) and (D)
 - Both (C) and (E)
40. Which of the statements numbered (A), (B), (C), (E) and (F) mentioned above would prove that the step taken by the smaller brands (of moving to supermarkets) may not necessarily be correct ?
- Only (A)
 - Only (C)
 - Only (E)
 - Only (F)
 - Both (B) and (E)

DIRECTIONS (Qs. 41-45) : In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued?

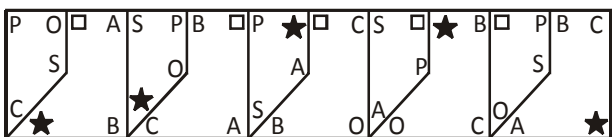
41. **PROBLEM FIGURES**



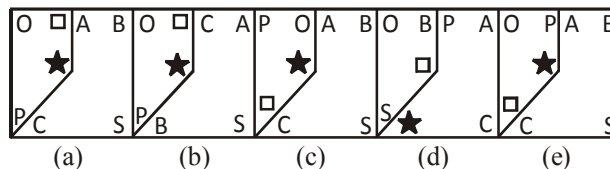
ANSWER FIGURES



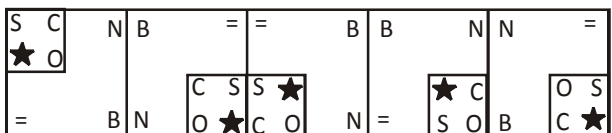
42. **PROBLEM FIGURES**



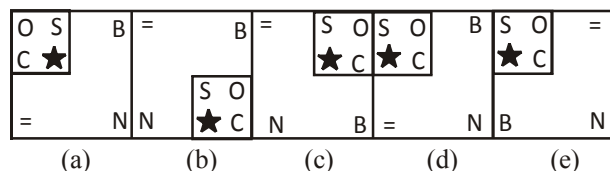
ANSWER FIGURES



43. **PROBLEM FIGURES**



ANSWER FIGURES



44. PROBLEM FIGURES

T	□	O	A	O	△	3	A	O	★	3	B	3	□	K
A		△	S		□	K		T	□		O	★		B
S	L	★	K	★	T	△	□	★	K	△	T	△	T	6

45. PROBLEM FIGURES

△	C	T	O	□	C	T	O	□	C	T	O	□	C	T	O	□

DIRECTIONS (Qs. 46-50) : In each of the following questions below, the figures follow a series/sequence (like Q.41-45). One and only one out of the five figures does not fit in the series/sequence. The number of that figure is your answer.

(a)	(b)	(c)	(d)	(e)

(a)	(b)	(c)	(d)	(e)

(a)	(b)	(c)	(d)	(e)

(a)	(b)	(c)	(d)	(e)

(a)	(b)	(c)	(d)	(e)

QUANTITATIVE APTITUDE

DIRECTIONS (Qs. 51-55) : What will come in place of the question mark (?) in the following questions ?

51. $4003 \times 77 - 21015 = ? \times 116$
 (a) 2477 (b) 2478
 (c) 2467 (d) 2476
 (e) None of these

ANSWER FIGURES

(a)	(b)	(c)	(d)	(e)

ANSWER FIGURES

(a)	(b)	(c)	(d)	(e)

52. $\left[(5\sqrt{7} + \sqrt{7}) + (4\sqrt{7} + 8\sqrt{7}) \right] - (19)^2 = ?$

- (a) 143 (b) $72\sqrt{7}$
 (c) 134 (d) $70\sqrt{7}$
 (e) None of these

53. $(4444 \div 40) + (645 \div 25) + (3991 \div 26) = ?$

- (a) 280.4 (b) 290.4
 (c) 295.4 (d) 285.4
 (e) None of these

54. $\sqrt{33124} \times \sqrt{2601} - (83)^2 = (?)^2 + (37)^2$

- (a) 37 (b) 33
 (c) 34 (d) 28
 (e) None of these

55. $5\frac{17}{37} \times 4\frac{51}{52} \times 11\frac{1}{7} + 2\frac{3}{4} = ?$

- (a) 303.75 (b) 305.75
 (c) $303\frac{3}{4}$ (d) $305\frac{1}{4}$
 (e) None of these

DIRECTIONS (Qs. 56-60) : What approximate value should come in place of the question mark (?) in the following questions? (Note : You are not expected to calculate the exact value.)

56. $8787 \div 343 \times \sqrt{50} = ?$

- (a) 250 (b) 140
 (c) 180 (d) 100
 (e) 280

57. $\sqrt[3]{54821} \times (303 \div 8) = (?)^2$

- (a) 48 (b) 38
 (c) 28 (d) 18
 (e) 58

58. $\frac{5}{8}$ of 4011.33 + $\frac{7}{10}$ of 3411.22 = ?

- (a) 4810 (b) 4980
 (c) 4890 (d) 4930
 (e) 4850

59. $23\% \text{ of } 6783 + 57\% \text{ of } 8431 = ?$

- (a) 6460 (b) 6420
 (c) 6320 (d) 6630
 (e) 6360

60. $335.01 \times 244.99 \div 55 = ?$

- (a) 1490 (b) 1550
(c) 1420 (d) 1590
(e) 1400

DIRECTIONS (Qs. 61-65) : In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.

61. 5531 5506 5425 5304 5135 4910 4621

- (a) 5531 (b) 5425
(c) 4621 (d) 5135
(e) 5506

62. 6 7 9 13 26 37 69

- (a) 7 (b) 26
(c) 69 (d) 37
(e) 9

63. 1 3 10 36 152 760 4632

- (a) 3 (b) 36
(c) 4632 (d) 760
(e) 152

64. 7 4 5 9 20 51 160.5

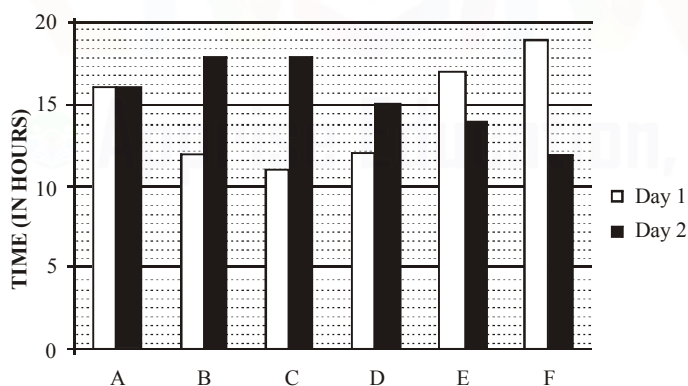
- (a) 4 (b) 5
(c) 9 (d) 20
(e) 51

65. 157.5 45 15 6 3 2 1

- (a) 1 (b) 2
(c) 6 (d) 157.5
(e) 45

DIRECTIONS (Qs. 66-70) : Study the following graph and table carefully and answer the questions given below :

TIME TAKEN TO TRAVEL (IN HOURS) BY SIX VEHICLES ON TWO DIFFERENT DAYS



DISTANCE COVERED (IN KILOMETERS) BY SIX VEHICLES ON EACH DAY

Vehicle	Day 1	Day 2
A	832	864
B	516	774
C	693	810
D	552	765
E	935	546
F	703	636

66. Which of the following vehicles travelled at the same speed on both the days ?

- (a) Vehicle A (b) Vehicle C
(c) Vehicle F (d) Vehicle B
(e) None of these

67. What was the difference between the speed of vehicle A on day 1 and the speed of vehicle C on the same day ?

- (a) 7 km/hr. (b) 12 km/hr.
(c) 11 km/hr. (d) 8 km/hr.
(e) None of these

68. What was the speed of vehicle C on day 2 in terms of meters per second ?

- (a) 15.3 (b) 12.8
(c) 11.5 (d) 13.8
(e) None of these

69. The distance travelled by vehicle F on day 2 was approximately what percent of the distance travelled by it on day 1 ?

- (a) 80 (b) 65
(c) 85 (d) 95
(e) 90

70. What is the respective ratio between the speeds of vehicle D and vehicle E on day 2 ?

- (a) 15:13 (b) 17:13
(c) 13:11 (d) 17:14
(e) None of these

71. An article was purchased for ₹ 78,350/-. Its price was marked up by 30%. It was sold at a discount of 20% on the marked up price. What was the profit percent on the cost price ?

- (a) 4 (b) 7
(c) 5 (d) 3
(e) 6

72. When X is subtracted from the numbers 9, 15 and 27, the remainders are in continued proportion. What is the value of X ?

- (a) 8 (b) 6
(c) 4 (d) 5
(e) None of these

73. What is the difference between the simple and compound interest on ₹ 7,300/- at the rate of 6 p.c.p.a. in 2 years ?

- (a) ₹ 29.37/- (b) ₹ 26.28/-
(c) ₹ 31.41/- (d) ₹ 23.22/-
(e) ₹ 21.34/-

74. Sum of three consecutive numbers is 2262. What is 41 % of the highest number ?

- (a) 301.51 (b) 303.14
(c) 308.73 (d) 306.35
(e) 309.55

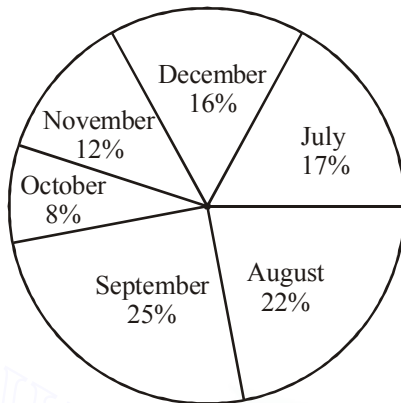
75. In how many different ways can the letters of the word 'THERAPY' be arranged so that the vowels never come together ?

- (a) 720 (b) 1440
(c) 5040 (d) 3600
(e) 4800

DIRECTIONS (Qs. 76-80) : Study the following pie-chart and table carefully and answer the questions given below :

PERCENTAGEWISE DISTRIBUTION OF THE NUMBER OF MOBILE PHONES SOLD BY A SHOPKEEPER DURING SIX MONTHS

Total number of mobile phones sold = 45,000



The respective ratio between the number of mobile phones sold of company A and company B during six months

Month	Ratio
July	8:7
August	4:5
September	3:2
October	7:5
November	7:8
December	7:9

76. What is the respective ratio between the number of mobile phones sold of company B during July and those sold during December of the same company ?
 (a) 119:145 (b) 116:135
 (c) 119:135 (d) 119:130
 (e) None of these
77. If 35% of the mobile phones sold by company A during November were sold at a discount, how many mobile phones of company A during that month were sold without a discount?
 (a) 882 (b) 1635
 (c) 1638 (d) 885
 (e) None of these
78. If the shopkeeper earned a profit of ₹433/- on each mobile phone sold of company B during October, what was his total profit earned on the mobile phones of that company during the same month ?
 (a) ₹6,49,900/- (b) ₹6,45,900/-
 (c) ₹6,49,400/- (d) ₹6,49,500/-
 (e) None of these
79. The number of mobile phones sold of company A during July is approximately what percent of the number of mobile phones sold of company A during December ?
 (a) 110 (b) 140
 (c) 150 (d) 105
 (e) 130

80. What is the total number of mobile phones sold of company B during August and September together ?
 (a) 10,000 (b) 15,000
 (c) 10,500 (d) 9,500
 (e) None of these

DIRECTIONS (Qs. 81-85) : Study the following information and answer the questions that follow :

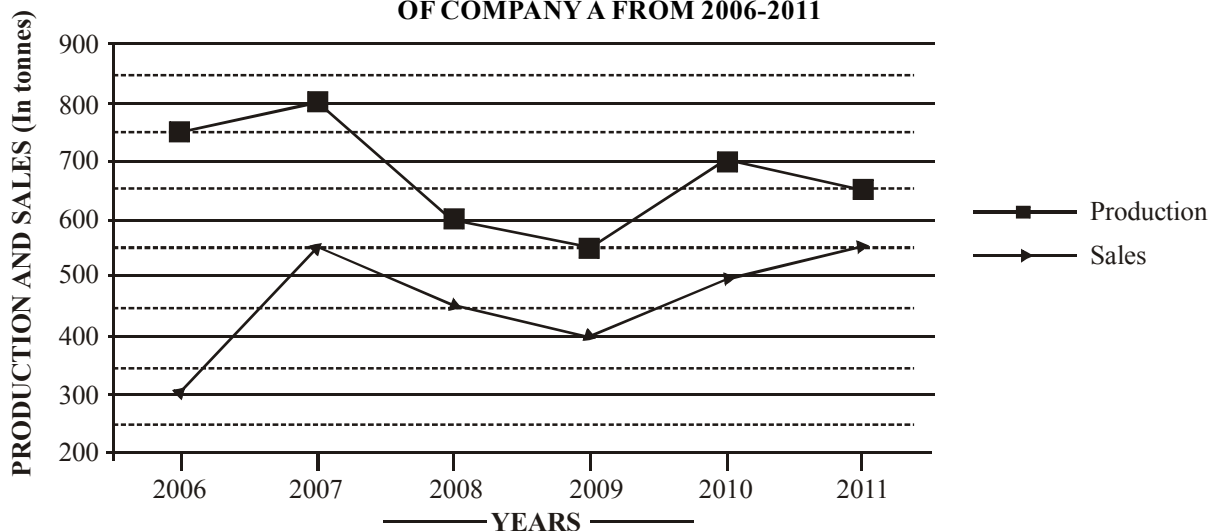
The premises of a bank are to be renovated. The renovation is in terms of flooring. Certain areas are to be floored either with marble or wood. All rooms/halls and pantry are rectangular. The area to be renovated comprises of a hall for customer transaction measuring 23 m by 29 m, branch manager's room measuring 13 m by 17 m, a pantry measuring 14 m by 13 m, a record keeping cum server room measuring 21 m by 13 m and locker area measuring 29 m by 21 m. The total area of the bank is 2000 square meters. The cost of wooden flooring is ₹170/- per square meter and the cost of marble flooring is ₹190/- per square meter. The locker area, record keeping cum server room and pantry are to be floored with marble. The branch manager's room and the hall for customer transaction are to be floored with wood. No other area is to be renovated in terms of flooring.

81. What is the respective ratio of the total cost of wooden flooring to the total cost of marble flooring ?
 (a) 1879 : 2527 (b) 1887 : 2386
 (c) 1887 : 2527 (d) 1829 : 2527
 (e) 1887 : 2351
82. If the four walls and ceiling of the branch managers room (The height of the room is 12 meters) are to be painted at the cost of ₹190/- per square meter, how much will be the total cost of renovation of the branch manager's room including the cost of flooring ?
 (a) ₹1,36,800/- (b) ₹2,16,660/-
 (c) ₹1,78,790/- (d) ₹2,11,940/-
 (e) None of these
83. If the remaining area of the bank is to be carpeted at the rate of ₹110/- per square meter, how much will be the increment in the total cost of renovation of bank premises ?
 (a) ₹5,820/- (b) ₹4,848/-
 (c) ₹3,689/- (d) ₹6,890/-
 (e) None of these
84. What is the percentage area of the bank that is not to be renovated ?
 (a) 2.2 (b) 2.4
 (c) 4.2 (d) 4.4
 (e) None of these
85. What is the total cost of renovation of the hall for customer transaction and the locker area ?
 (a) ₹2,29,100/- (b) ₹2,30,206/-
 (c) ₹2,16,920/- (d) ₹2,42,440/-
 (e) None of these
86. A certain amount was to be distributed among A, B and C in the ratio 2 : 3 : 4 respectively, but was erroneously distributed in the ratio 7 : 2 : 5 respectively. As a result of this, B got ₹40 less. What is the amount ?
 (a) ₹210/- (b) ₹270/-
 (c) ₹230/- (d) ₹280/-
 (e) None of these

87. Rachita enters a shop to buy ice-creams, cookies and pastries. She has to buy atleast 9 units of each. She buys more cookies than ice-creams and more pastries than cookies. She picks up a total of 32 items. How many cookies does she buy ?
 (a) Either 12 or 13 (b) Either 11 or 12
 (c) Either 10 or 11 (d) Either 9 or 11
 (e) Either 9 or 10
88. The fare of a bus is ₹ X for the first five kilometers and ₹ 13/- per kilometer thereafter. If a passenger pays ₹ 2402/- for a journey of 187 kilometers, what is the value of X ?
 (a) ₹ 29/- (b) ₹ 39/-
 (c) ₹ 36/- (d) ₹ 31/-
 (e) None of these
89. The product of three consecutive even numbers is 4032. The product of the first and the third number is 252. What is five times the second number ?
 (a) 80 (b) 100
 (c) 60 (d) 70
 (e) 90
90. The sum of the ages of 4 members of a family 5 years ago was 94 years. Today, when the daughter has been married off and replaced by a daughter-in-law, the sum of their ages is 92. Assuming that there has been no other change in the family structure and all the people are alive, what is the difference in the age of the daughter and the daughter-in-law ?
 (a) 22 years (b) 11 years
 (c) 25 years (d) 19 years
 (e) 15 years
91. A bag contains 13 white and 7 black balls. Two balls are drawn at random. What is the probability that they are of the same colour ?
 (a) $\frac{41}{190}$ (b) $\frac{21}{190}$
- (c) $\frac{59}{190}$ (d) $\frac{99}{190}$
 (e) $\frac{77}{190}$
92. Akash scored 73 marks in subject A. He scored 56% marks in subject B and X marks in subject C. Maximum marks in each subject were 150. The overall percentage marks obtained by Akash in all the three subjects together were 54%. How many marks did he score in subject C ?
 (a) 84 (b) 86
 (c) 79 (d) 73
 (e) None of these
93. The area of a square is 1444 square meters. The breadth of a rectangle is $\frac{1}{4}$ th the side of the square and the length of the rectangle is thrice the breadth. What is the difference between the area of the square and the area of the rectangle?
 (a) 1152.38 sq.mtr. (b) 1169.33 sq.mtr
 (c) 1181.21 sq.mtr. (d) 1173.25 sq.mtr
 (e) None of these
94. ₹ 73,689/- are divided between A and B in the ratio 4 : 7. What is the difference between thrice the share of A and twice the share of B ?
 (a) ₹ 36,699/- (b) ₹ 46,893/-
 (c) ₹ 20,097/- (d) ₹ 26,796/-
 (e) ₹ 13,398/-
95. A and B together can complete a task in 20 days. B and C together can complete the same task in 30 days. A and C together can complete the same task in 40 days. What is the respective ratio of the number of days taken by A when completing the same task alone to the number of days taken by C when completing the same task alone ?
 (a) 2 : 5 (b) 2 : 7
 (c) 3 : 7 (d) 1 : 5
 (e) 3 : 5

DIRECTIONS (Qs. 96-100) : Study the following information and answer the questions that follow :

THE GRAPH GIVEN BELOW REPRESENTS THE PRODUCTION (IN TONNES) AND SALES (IN TONNES) OF COMPANY A FROM 2006-2011



The table given below represents the respective ratio of the production (in tonnes) of Company A to the production (in tonnes) of Company B, and the respective ratio of the sales (in tonnes) of Company A to the sales (in tonnes) of Company B.

Year	Production	Sales
2006	5:4	2:3
2007	8:7	11:12
2008	3:4	9:14
2009	11:12	4:5
2010	14:13	10:9
2011	13:14	1:1

96. What is the approximate percentage increase in the production of Company A (in tonnes) from the year 2009 to the production of Company A (in tonnes) in the year 2010 ?
 (a) 18 (b) 38
 (c) 23 (d) 27
 (e) 32
97. The sales of Company A in the year 2009 was approximately what percent of the production of Company A in the same year ?
 (a) 65 (b) 73
 (c) 79 (d) 83
 (e) 69
98. What is the average production of Company B (in tonnes) from the year 2006 to the year 2011 ?
 (a) 574 (b) 649
 (c) 675 (d) 593
 (e) 618
99. What is the respective ratio of the total production (in tonnes) of Company A to the total sales (in tonnes) of Company A ?
 (a) 81 : 64 (b) 64 : 55
 (c) 71 : 81 (d) 71 : 55
 (e) 81 : 55
100. What is the respective ratio of production of Company B (in tonnes) in the year 2006 to production of Company B (in tonnes) in the year 2008 ?
 (a) 2 : 5 (b) 4 : 5
 (c) 3 : 4 (d) 3 : 5
 (e) 1 : 4
103. Which of the following Ministries along with Planning Commission of India has decided to set up a Corpus Fund of ₹ 500 crore, so that Tribals in Naxal-hit areas can be provided proper means of livelihood ?
 (a) Ministry of Rural Development
 (b) Ministry of Home Affairs
 (c) Ministry of Tribal Affairs
 (d) Ministry of Corporate Affairs
 (e) Ministry of Finance
104. Which of the following was the issue over which India decided to vote against Sri Lanka in the meeting of one of the UN governed bodies/agencies ?
 (a) Violations of human rights in Sri Lanka
 (b) Allowing China to establish a military base in Indian ocean
 (c) Issue of subsidy on agricultural products in the meeting of the WTO
 (d) Allowing part of Sri Lanka to become an independent country governed by LTTE
 (e) Sri Lanka's claim to become a permanent member of UN Security Council
105. The term 'Smart Money' refers to _____.
 (a) Foreign Currency (b) Internet Banking
 (c) US Dollars (d) Travelers' cheques
 (e) Credit Cards
106. Which one of the following is not a 'Money Market Instrument' ?
 (a) Treasury Bills (b) Commercial Paper
 (c) Certificate of Deposit (d) Equity Shares
 (e) None of these
107. Which one of the following is a retail banking product ?
 (a) Home Loans (b) Working capital finance
 (c) Corporate term loans (d) Infrastructure financing
 (e) Export Credit
108. Which of the following Statements is TRUE about political situation in Mali, where a military coup burst out recently ?
 (a) General elections were due there in March/April 2012 but did not take place
 (b) The country was under the control of US army since last 18 months
 (c) Army of the country was not happy as Amadou Toure was made President without elections for the next five years
 (d) Coup broke out in Mali when Amadou Toure, the Military Chief got seriously injured in a bomb blast
 (e) NATO and its associates had planned a coup there
109. In the summit of which of the following organizations/group of Nations it was decided that all members should enforce Budget Discipline ?
 (a) G-8 (b) OPEC
 (c) European Union (d) SAARC
 (e) G-20
110. As per newspaper reports, India is planning to use 'SEU' as fuel in its 700 MW nuclear reactors being developed in new plants. What is full form of 'SEU' as used here ?
 (a) Safe Electrical Units
 (b) Small Electrical Unite
 (c) Slightly Enriched Uranium
 (d) Sufficiently Enriched Units
 (e) Safely Enriched Uranium

GENERAL AWARENESS

101. A money deposited at a bank that cannot be withdrawn for a preset fixed period of time is known as a _____.
 (a) Term deposit (b) Checking Account
 (c) Savings Bank Deposit (d) No Frills Account
 (e) Current Deposit
102. A worldwide financial messaging network which exchanges messages between banks and financial institutions is known as _____.
 (a) CHAPS (b) SWIFT
 (c) NEFT (d) SFMS
 (e) CHIPS

111. Technological Advancement in the recent times has given a new dimension to banks, mainly to which one of the following aspects ?
 (a) New Age Financial Derivatives
 (b) Service Delivery Mechanism
 (c) Any Banking
 (d) Any Type Banking
 (e) Multilevel Marketing
112. When there is a difference between all receipts and expenditure of the Govt. of India, both capital and revenue, it is called _____.
 (a) Revenue Deficit (b) Budgetary Deficit
 (c) Zero Budgeting (d) Trade Gap
 (e) Balance of payment problem
113. Which of the following is **NOT** a function of the Reserve Bank of India ?
 (a) Fiscal Policy Functions
 (b) Exchange Control Functions
 (c) Issuance, Exchange and destruction of currency notes
 (d) Monetary Authority Functions
 (e) Supervisory and Control Functions
114. Which of the following is **NOT** required for opening a bank account ?
 (a) Identity Proof (b) Address Proof
 (c) Recent Photographs (d) Domicile Certificate
 (e) None of these
115. The Golden Jubilee of Afro-Asian Rural Development organization was organized in which of the following places in March 2012 ?
 (a) Dhaka (b) Tokyo
 (c) Cairo (d) Kuala Lumpur
 (e) New Delhi
116. What is the maximum deposit amount insured by DICGC ?
 (a) ₹ 2,00,000 per depositor per bank
 (b) ₹ 2,00,000 per depositor across all banks
 (c) ₹ 1,00,000 per depositor per bank
 (d) ₹ 1,00,000 per depositor across all banks
 (e) None of these
117. The present Foreign Trade policy of India will continue till-
 (a) December 2012 (b) March 2013
 (c) March 2014 (d) June 2013
 (e) December 2014
118. With reference to a cheque which of the following is the "drawee bank" ?
 (a) The bank that collects the cheque
 (b) The payee's bank
 (c) The endorsee's bank
 (d) The endorser's bank
 (e) The bank upon which the cheque is drawn
119. In which of the following fund transfer mechanisms, can funds be moved from one bank to another and where the transaction is settled instantly without being bunched with any other transaction ?
 (a) RTGS (b) NEFT
 (c) TT (d) EFT
 (e) MT
120. What was the reason owing to which Enrica Lexie, an Italian ship was detained by the Port Authorities in Kerala and was brought to Cochin port for inspection and search ?
 (a) It was carrying objectionable material
 (b) It was involved in sea piracy
 (c) It was detained as the crew killed two Indian fishermen
 (d) The ship started sailing without making payments of iron ore it loaded
 (e) It was detained as it was dumping nuclear waste in deep sea
121. Which of the following agencies/organizations recently gave 'go-ahead' verdict to India's one of the most controversial project of inter linking rivers? (some of the rivers are international rivers)
 (a) UN Food and Agriculture Organisation
 (b) World Meteorological Organisation
 (c) International Court of Justice
 (d) Central Water Commission
 (e) Supreme Court of India
122. Who among the following was the Captain of the Australian Team which played 4 Test matches against India in January 2012 and won all of them ?
 (a) Ricky Ponting (b) Michael Clarke
 (c) Nathan Lyon (d) Stuart Clark
 (e) Andrew Symonds
123. The committee on review of National Small Saving Fund (NSSF) was headed by _____.
 (a) Dr. C. Rangarajan (b) Mr. U. K. Sinha
 (c) Dr. Y. V. Reddy (d) Mrs. Shyamala Gopinath
 (e) Dr. Usha Thorat
124. Banking Ombudsman Scheme is applicable to the business of _____.
 (a) All scheduled commercial banks excluding RRBs
 (b) All scheduled commercial banks including RRBs
 (c) Only Public Sector Banks
 (d) All Banking Companies
 (e) All scheduled banks except private banks
125. The 5th Asian Indoor Athletics Championship was organized in February 2012 in _____.
 (a) Bangladesh (b) India
 (c) Qatar (d) China
 (e) South Korea
126. Nationalization of banks aimed at all of the following except _____.
 (a) Provision of adequate credit for agriculture, SME and exports
 (b) Removal of control by a few capitalists
 (c) Provision of credit to big industries only
 (d) Access of banking to masses
 (e) Encouragement of a new class of entrepreneurs
127. Who among the following was the Chief Guest at the three-day Pravasi Bharatiya Divas function held in January 2012 ?
 (a) Kamla Persad - Bissessar
 (b) Ram Baran Yadav
 (c) Lakshmi Mittal
 (d) Salman Rushdie
 (e) Benjamin Netanyahu

128. Which of the following banks is headed by a woman CEO _____.
- (a) Bank of Baroda (b) HDFC Bank
(c) Central Bank of India (d) Punjab National Bank
(e) ICICI Bank
129. As per revised RBI Guidelines, Provision on secured portion of loan accounts classified as Doubtful Assets for more than one year and upto 3 (three) years is to be made at the rate of _____.
- (a) 15% (b) 20%
(c) 40% (d) 25%
(e) 30%
130. As per the provisions in the Food Security Bill - 2011, per month how much food grain should be given to each person of the target group ?
- (a) 5 kg. (b) 7 kg.
(c) 9 kg. (d) 10 kg.
(e) 20 kg.
131. Which of the following acts in vogue in India is against the thinking of raising school fee as per demand of the market forces ?
- (a) Prevention of Corruption Act
(b) Child Labour (Prohibition & Regulation) Act
(c) Sharda Act
(d) Right to Education Act
(e) MG National Rural Employment Guarantee Act
132. Which of the following states has launched 'Panch Parmeshwar Yojana' under which panchayats are allowed to use the fund for developing infrastructure and basic amenities in villages ?
- (a) Uttar Pradesh (b) Maharashtra
(c) Gujarat (d) Madhya Pradesh
(e) Tamil Nadu
133. Base Rate is the rate below which no Bank can allow their lending to anyone. Who sets up this 'Base Rate' for Banks?
- (a) Individual Banks, Board
(b) Ministry of Commerce
(c) Ministry of Finance
(d) RBI
(e) Interest Rate Commission of India
134. National Table Tennis Championship was organized in January 2012 in _____.
- (a) Mumbai (b) Delhi
(c) Hyderabad (d) Lucknow
(e) Jaipur
135. Who among the following is the author of the book 'Nirbasan'?
- (a) Mahashweta Devi (b) Taslima Nasreen
(c) Sunil Gangopadhyay (d) Vikram Seth
(e) Kiran Desai
136. What is a Debit Card ?
- (a) It is a card issued by a Rating Agency
(b) It is a card which can be used for withdrawing cash or making payment even in the absence of any balance in the account
(c) It is a card which can be used for withdrawing cash or making payment if there is balance in the account
(d) It is a card which carries prepaid balance
(e) It is a card which can be used for making STD calls
137. Who among the following Indian Lawn Tennis player won a Doubles of Australian Open 2012 ?
- (a) Mahesh Bhupati (b) Kamlesh Mehta
(c) Leander Paes (d) Sania Mirza
(e) Achanta Sarath Kamal
138. 'Akula-11' Class 'K-152 Nerpa' was inducted in Indian Navy recently. These are _____.
- (a) Aircrafts (b) Radar System
(c) Submarines Missiles (d) Warship
(e) Submarines
139. Which of the following awards was conferred upon Late Mario De Miranda (Posthumously) in January 2012 ?
- (a) Padma Vibhushan (b) Bharat Ratna
(c) Kalidas Samman (d) Saraswati Samman
(e) Padmashri
140. Bad advances of a Bank are called _____.
- (a) Bad debt (b) Book debt
(c) Non Performing Asset (d) Out of order accounts
(e) Overdrawn accounts
141. Axis Bank is a _____.
- (a) Public Sector Bank (b) Private Sector Bank
(c) Co-operative Bank (d) Foreign Bank
(e) Gramin Bank
142. By increasing repo rate, the economy may observe the following effects _____.
- (a) Rate of interest on loans and advances will be costlier
(b) Industrial output would be affected to an extent
(c) Banks will increase rate of interest on deposits
(d) Industry houses may borrow money from foreign countries
(e) All of these
143. Increased interest rates, as is existing in the economy at present will _____.
- (a) Lead to higher GDP growth
(b) Lead to lower GDP growth
(c) Mean higher cost of raw materials
(d) Mean lower cost of raw materials
(e) Mean higher wage bill
144. Which of the following schemes is launched to provide pension to people in unorganized sectors in India ?
- (a) Swabhiman (b) Jeevan Dhara
(c) Jeevan Kalyan (d) ASHA
(e) Swavalamban
145. The 10th Basic Ministerial Meeting on Climate Change was organized in February 2012 in _____.
- (a) Tokyo (b) Beijing
(c) Manila (d) Moscow
(e) New Delhi
146. Finance Ministry has asked the Reserve Bank of India to allow common ATM's that will be owned and managed by non-banking entities hoping to cut transaction costs for banks. Such ATM's are known as _____.
- (a) Black Label ATM's
(b) off site ATM's
(c) on site ATM's or red ATM's
(d) third party ATM's
(e) white label ATM's

147. Which of the following schemes of the Govt. of India has provided electricity to 99000 villages and total 1.7 crore households uptill now ?
 (a) Kutir Jyoti
 (b) Rajiv Gandhi Grameen Vidyutikaran Yojana
 (c) Bharat Nirman
 (d) PURA
 (e) SEWA
148. Ranbir Kapoor was awarded Best Actor Award in 57th Filmfare Award Function for his performance in _____.
 (a) No One Killed Jessica
 (b) Stanley Ka Dabba
 (c) 7 Khoon Maaf
 (d) Rockstar
 (e) Zindagi Na Milegi Dobara
149. An ECS transaction gets bounced and you are unable to recover your money from your customer. Under which Act criminal action can be initiated ?
 (a) Indian Penal Code
 (b) Negotiable Instruments Act
 (c) Criminal Procedure Code
 (d) Payment and Settlements Act
 (e) Indian Contract Act
150. Mr. Rajendra had filed a complaint with Banking Ombudsman but is not satisfied with the decision. What is the next option before him for getting his matter resolved ?
 (a) Write to the CMD of the Bank.
 (b) File an appeal before the Finance Minister.
 (c) File an appeal before the Banking Ombudsman again.
 (d) File an appeal before the Dy. Governor RBI.
 (e) Simply close the matter as going to court involves time and money.
155. Fourth-generation mobile technology provides enhanced capabilities allowing the transfer of both _____ data, including full-motion video, high-speed Internet access, and videoconferencing.
 (a) video data and information
 (b) voice and nonvoice
 (c) music and video
 (d) video and audio
 (e) None of these
156. _____ is a form of denial of service attack in which a hostile client repeatedly sends SYN packets to every port on the server using fake IP addresses.
 (a) Cyborgaming crime (b) Memory shaving
 (c) Syn flooding (d) Software piracy
 (e) None of these
157. Which of these is a point-and-draw device ?
 (a) mouse (b) scanner
 (c) printer (d) CD-ROM
 (e) Keyboard
158. The letter and number of the intersecting column and row is the _____.
 (a) cell location (b) cell position
 (c) cell address (d) cell coordinates
 (e) cell contents
159. A set of rules for telling the computer what operations to perform is called a _____.
 (a) procedural language (b) structures
 (c) natural language (d) command language
 (e) programming language
160. A detailed written description of the programming cycle and the program, along with the test results and a printout of the program is called _____.
 (a) documentation (b) output
 (c) reporting (d) spec sheets
 (e) Directory
161. Forms that are used to organize business data into rows and columns are called _____.
 (a) transaction sheets (b) registers
 (c) business forms (d) sheet-spreads
 (e) spreadsheets
162. In Power Point, the Header and Footer button can be found on the Insert tab in what group ?
 (a) Illustrations group (b) Object group
 (c) Text group (d) Tables group
 (e) None of these
163. A(n) _____ is a set of programs designed to manage the resources of a computer, including starting the computer, managing programs, managing memory, and coordinating tasks between input and output devices.
 (a) application suite (b) compiler
 (c) input/output system (d) interface
 (e) operating system (OS)
164. A typical slide in a slide presentation would not include _____.
 (a) photo images charts, and graphs
 (b) graphs and clip art
 (c) clip art and audio clips
 (d) full-motion video
 (e) content templates

COMPUTER KNOWLEDGE

151. _____ allows users to upload files to an online site so they can be viewed and edited from another location.
 (a) General-purpose applications
 (b) Microsoft Outlook
 (c) Web-hosted technology
 (d) Office Live
 (e) None of these
152. What feature adjusts the top and bottom margins so that the text is centered vertically on the printed page ?
 (a) Vertical justifying (b) Vertical adjusting
 (c) Dual centering (d) Horizontal centering
 (e) Vertical centering
153. Which of these is **not** a means of personal communication on the Internet ?
 (a) chat (b) instant messaging
 (c) instanotes (d) electronic mail
 (e) None of these
154. What is the overall term for creating, editing, formatting, storing, retrieving, and printing a text document ?
 (a) Word processing (b) Spreadsheet design
 (c) Web design (d) Database management
 (e) Presentation generation

165. The PC productivity tool that manipulates data organized in rows and columns is called a _____.
 (a) spreadsheet
 (b) word processing document
 (c) presentation mechanism
 (d) database record manager
 (e) EDI creator
166. In the absence of parentheses, the order of operation is _____.
 (a) Exponentiation, addition or subtraction, multiplication or division
 (b) Addition or subtraction, multiplication or division, exponentiation
 (c) Multiplication or division, exponentiation, addition or subtraction
 (d) Exponentiation, multiplication or division, addition or subtraction
 (e) Addition or subtraction, exponentiation, Multiplication or division
167. To find the Paste Special option, you use the Clipboard group on the _____ tab of PowerPoint.
 (a) Design (b) Slide Show
 (c) Page Layout (d) Insert
 (e) Home
168. An _____ program is one that is ready to run and does not need to be altered in any way.
 (a) interpreter (b) high-level
 (c) compiler (d) COBOL
 (e) executable
169. Usually downloaded into folders that hold temporary Internet files, _____ are written to your computer's hard disk by some of the Web sites you visit.
 (a) anonymous files (b) behaviour files
 (c) banner ads (d) large files
 (e) cookies
170. What is the easiest way to change the phrase, revenues, profits, gross margin, to read revenues, profits, and gross margin ?
 (a) Use the insert mode, position the cursor before the g in gross, then type the word and followed by a space
 (b) Use the insert mode, position the cursor after the g in gross, then type the word and followed by a space
 (c) Use the overtype mode, position the cursor before the g in gross, then type the word and followed by a space
 (d) Use the overtype mode, position the cursor after the g in gross, then type the word and followed by a space
 (e) None of these
171. A program, either talk or music, that is made available in digital format for automatic download over the Internet is called a _____.
 (a) wiki (b) broadcast
 (c) vodcast (d) blog
 (e) podcast
172. Which PowerPoint view displays each slide of the presentation as a thumbnail and is useful for rearranging slides ?
 (a) Slide Sorter (b) Slide Show
 (c) Slide Master (d) Notes Page
 (e) Slide Design
173. Different components on the motherboard of a PC unit are linked together by sets of parallel electrical conducting lines. What are these lines called ?
 (a) Conductors (b) Buses
 (c) Connectors (d) Consecutives
 (e) None of these
174. What is the name given to those applications that combine text, sound, graphics, motion video, and/ or animation ?
 (a) motionware (b) anigraphics
 (c) videoscapes (d) multimedia
 (e) maxomedia
175. A USB communication device that supports data encryption for secure wireless communication for notebook users is called a _____.
 (a) USB wireless network adapter
 (b) wireless switch
 (c) wireless hub
 (d) router
 (e) None of these
176. A(n) _____ language reflects the way people think mathematically.
 (a) cross-platform programming
 (b) 3GL business programming
 (c) event-driven programming
 (d) functional
 (e) None of these
177. When entering text within a document, the Enter key is normally pressed at the end of every _____.
 (a) Line (b) Sentence
 (c) Paragraph (d) word
 (e) file
178. When a real-time telephone call between people is made over the Internet using computers, it is called _____.
 (a) a chat session (b) an e-mail
 (c) an instant message (d) Internet telephony
 (e) None of these.
179. Which of the following is the first step in sizing a window ?
 (a) Point to the title bar
 (b) Pull down the View menu to display the toolbar
 (c) Point to any corner or border
 (d) Pull down the View menu and change to large icons
 (e) None of these
180. Which of the following software could assist someone who cannot use their hands for computer input ?
 (a) Video conferencing (b) Speech recognition
 (c) Audio digitizer (d) Synthesizer
 (e) None of these
181. _____ a document means the file is transferred from another computer to your computer.
 (a) Uploading
 (b) Really Simple Syndication (RSS)
 (c) Accessing
 (d) Downloading
 (e) Upgrading
182. Which computer memory is used for storing programs and data currently being processed by the CPU ?
 (a) Mass memory (b) Internal memory
 (c) Non-volatile memory (d) PROM
 (e) None of these

183. Computers that control processes accept data in a continuous _____.
 (a) data traffic pattern (b) data highway
 (c) infinite loop (d) feedback loop
 (e) slot
184. What refers to a set of characters of a particular design ?
 (a) keyface (b) formation
 (c) calligraph (d) stencil
 (e) typeface
185. _____ is used by public and private enterprises to publish and share financial information with each other and industry analysts across all computer platforms and the Internet.
 (a) Extensible Markup Language (EML)
 (b) Extensible Business Reporting Language (XBRL)
 (c) Enterprise Application Integration (EAI)
 (d) Sales Force Automation (SFA) software
 (e) None of these
186. Which part of the computer is used for calculating and comparing ?
 (a) ALU (b) Control unit
 (c) Disk unit (d) Modem
 (e) None of these
187. The method of Internet access that requires a phone line, but offers faster access speeds than dial-up is the _____ connection.
 (a) cable access
 (b) satellite access
 (c) fiber-optic service
 (d) Digital Subscriber Line (DSL)
 (e) modem
188. _____ software creates a mirror image of the entire hard disk, including the operating system, applications, files, and data.
 (a) Operating system (b) Backup software
 (c) Utility programs (d) Driver imaging
 (e) None of these
189. What is a URL?
 (a) a computer software program
 (b) a type of programming object
 (c) the address of a document or "page" on the World Wide Web
 (d) an acronym for Unlimited Resources for Learning
 (e) a piece of hardware
190. What is the significance of a faded (dimmed) command in a pull-down menu ?
 (a) The command is not currently accessible
 (b) A dialog box appears if the command is selected
 (c) A Help window appears if the command is selected
 (d) There are no equivalent keystrokes for the particular command
 (e) None of these
191. Your business has contracted with another company to have them host and run an application for your company over the Internet. The company providing this service to your business is called an _____.
 (a) Internet service provider
 (b) Internet access provider
 (c) Application service provider
 (d) Application access provider
 (e) Outsource agency
192. A(n) _____ allows you to access your e-mail from anywhere.
 (a) Forum (b) Webmail interface
 (c) Message Board (d) Weblog
 (e) None of these
193. Which of the following would you find on LinkedIn ?
 (a) Games (b) Connections
 (c) Chat (d) Applications
 (e) None of these
194. _____ is a technique that is used to send more than one call over a single line.
 (a) Digital transmission (b) Infrared transmission
 (c) Digitizing (d) Streaming
 (e) Multiplexing
195. The Search Companion can _____.
 (a) Locate all files containing a specified phrase
 (b) Restrict its search to a specified set of folders
 (c) Locate all files containing a specified phrase and restrict its search to a specified set of folders
 (d) Cannot locate all files containing a specified phrase or restrict its search to a specified set of folders
 (e) None of these
196. Which of the following **cannot** be part of an email address ?
 (a) Period (.) (b) At sign (@)
 (c) Space () (d) Underscore (_)
 (e) None of these
197. Which of the following must be contained in a URL ?
 (a) a protocol identifier
 (b) the letters, www.
 (c) the unique registered domain name
 (d) www. and the unique registered domain name
 (e) a protocol identifier, www. and the unique registered domain name
198. Which of the following information systems focuses on making manufacturing processes more efficient and of higher quality ?
 (a) Computer-aided manufacturing
 (b) Computer-integrated manufacturing
 (c) Computer-aided software engineering
 (d) Computer-aided system engineering
 (e) None of these
199. A mistake in an algorithm that causes incorrect results is called a _____.
 (a) logical error (b) syntax error
 (c) procedural error (d) compiler error
 (e) machine error
200. A device for changing the connection on a connector to a different configuration is-
 (a) a converter (b) a component
 (c) an attachment (d) an adapter
 (e) Voltmeter

ENGLISH LANGUAGE

DIRECTIONS (Qs. 201-215) : Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.

When times are hard, doomsayers are aplenty. The problem is that if you listen to them too carefully, you tend to overlook the most obvious signs of change. 2011 was a bad year. Can 2012 be any worse? Doomsday forecasts are the easiest to make these days. So let's try a contrarian's forecast instead.

Let's start with the global economy. We have seen a steady flow of good news from the US. The employment situation seems to be improving rapidly and consumer sentiment, reflected in retail expenditures on discretionary items like electronics and clothes, has picked up. If these trends sustain, the US might post better growth numbers for 2012 than the 1.5-1.8 percent being forecast currently.

Japan is likely to pull out of a recession in 2012 as post-earthquake reconstruction efforts gather momentum and the fiscal stimulus announced in 2011 begins to pay off. The consensus estimate for growth in Japan is a respectable 2 per cent for 2012.

The "hard-landing" scenario for China remains and will remain a **myth**. Growth might decelerate further from the 9 per cent that it expected to **clock** in 2011 but is unlikely to drop below 8-8.5 per cent in 2012.

Europe is certainly in a spot of trouble. It is perhaps already in recession and for 2012 it is likely to post mildly negative growth. The risk of implosion has dwindled over the last few months - peripheral economies like Greece, Italy and Spain have new governments in place and have made progress towards genuine economic reform.

Even with some of these positive factors in place, we have to accept the fact that global growth in 2012 will be **tepid**. But there is a flipside to this. Softer growth means lower demand for commodities and this is likely to drive a correction in commodity prices. Lower commodity inflation will enable emerging market central banks to reverse their monetary stance. China, for instance, has already reversed its stance and has pared its reserve ratio twice. The RBI also seems poised for a reversal in its rate cycle as headline inflation seems well on its way to its target of 7 per cent for March 2012.

That said, oil might be an exception to the general trend in commodities. Rising geopolitical tensions, particularly the continuing face-off between Iran and the US, might lead to a spurt in prices. It might make sense for our oil companies to hedge this risk instead of buying oil in the spot market.

As inflation fears **abate** and emerging market central banks begin to cut rates, two things could happen. Lower commodity inflation would mean lower interest rates and better credit availability. This could set a floor to growth and slowly reverse the business cycle within these economies. Second, as the fear of untamed, runaway inflation in these economies abates, the global investor's comfort levels with their markets will increase.

Which of the **emerging** markets will outperform and who will get left behind? In an environment in which global growth is likely to be weak, economies like India that have a powerful domestic consumption dynamic should lead; those dependent on exports should, *prima facie*, fall behind. Specifically for India, a fall in the exchange rate could not have come at a better time. It

will help Indian exporters gain market share even if global trade remains depressed. More importantly, it could lead to massive import substitution that favours domestic producers.

Let's now focus on India and start with a caveat. It is important not to confuse a short-run cyclical dip with a permanent de-rating of its long-term structural potential. The arithmetic is simple. Our growth rate can be in the range of 7-10 per cent depending on policy action. Ten per cent if we get everything right, 7 per cent if we get it all wrong. Which policies and reforms are critical to taking us to our 10 per cent potential? In judging this, let's again be careful. Let's not go by the laundry list of reforms that FIIs like to wave: increase in foreign equity limits in foreign shareholding, greater voting rights for institutional shareholders in banks, FDI in retail, etc. These can have an impact only at the margin. We need not bend over backwards to appease the FIIs through these reforms - they will invest in our markets when momentum picks up and will be the first to exit when the momentum flags, reforms or not.

The reforms that we need are the ones that can actually raise out. Sustainable long-term growth rate. These have to come in areas like better targeting of subsidies, making projects in infrastructure viable so that they **draw** capital, raising the productivity of agriculture, improving healthcare and education, bringing the parallel economy under the tax net, implementing fundamental reforms in taxation like GST and the direct tax code and finally easing the **myriad** rules and regulations that make doing business in India such a nightmare. A number of these things do not require new legislation and can be done through executive order.

201. Which of the following is NOT TRUE according to the passage ?
 - (a) China's economic growth may decline in the year 2012 as compared to the year 2011
 - (b) The European economy is not doing very well
 - (c) Greece is on the verge of bringing about economic reforms
 - (d) In the year 2012, Japan may post a positive growth and thus pull out of recession
 - (e) All are true
202. Which of the following will possibly be a result of softer growth estimated for the year 2012 ?
 - (A) Prices of oil will not increase.
 - (B) Credit availability would be lesser.
 - (C) Commodity inflation would be lesser.
 - (a) Only (B)
 - (b) Only (A) and (B)
 - (c) Only (A) and (C)
 - (d) Only (C)
 - (e) All (A), (B) and (C)
203. Which of the following can be said about the present status of the US economy ?
 - (a) There is not much improvement in the economic scenario of the country from the year 2011
 - (b) The growth in the economy of the country, in the year 2012, would definitely be lesser than 1.8 percent
 - (c) The expenditure on clothes and electronic commodities, by consumers, is lesser than that in the year 2011
 - (d) There is a chance that in 2012 the economy would do better than what has been forecast
 - (e) The pace of change in the employment scenario of the country is very slow.
204. Which of the following is possibly the most appropriate title for the passage ?
 - (a) The Economic Disorder
 - (b) Indian Economy Versus The European Economy

- (c) Global Trade
(d) The Current Economic Scenario
(e) Characteristics of The Indian Economy
205. According to the author, which of the following would characterize Indian growth scenario in 2012 ?
(A) Domestic producers will take a hit because of depressed global trade scenario.
(B) On account of its high domestic consumption, India will lead.
(C) Indian exporters will have a hard time in gaining market share.
(a) Only (B) (b) Only (A) and (B)
(c) Only (B) and (C) (d) Only (A)
(e) All (A), (B) and (C)
206. Why does the author not recommend taking up the reforms suggested by FII's ?
(a) These will bring about only minor growth
(b) The reforms suggested will have no effect on the economy of our country, whereas will benefit the FII's significantly
(c) The previous such recommendations had backfired
(d) These reforms will be the sole reason for our country's economic downfall
(e) The reforms suggested by them are not to be trusted as they will not bring about any positive growth in India
207. Which of the following is TRUE as per the scenario presented in the passage?
(a) The highest growth rate that India can expect is 7 percent
(b) The fall in the exchange rate will prove beneficial to India
(c) Increased FDI in retail as suggested by FIIs would benefit India tremendously
(d) The reforms suggested by the author require new legislation in India
(e) None is true
208. According to the author, which of the following reform/s is/are needed to ensure long term growth in India?
(A) Improving healthcare and educational facilities.
(B) Bringing about reforms in taxation.
(C) Improving agricultural productivity.
(a) Only (B) (b) Only (A) and (B)
(c) Only (B) and (C) (d) Only (A)
(e) All (A), (B) and (C)

DIRECTIONS (Qs. 209-212) : Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.

209. **DRAW**
(a) entice (b) push
(c) decoy (d) attract
(e) persuade
210. **CLOCK**
(a) watch (b) achieve
(c) time (d) second
(e) regulate
211. **ABATE**
(a) rise (b) gear
(c) hurl (d) lessen
(e) retreat

212. **EMERGING**
(a) raising (b) developing
(c) noticeable (d) conspicuous
(e) uproaring

DIRECTIONS (Qs. 213-215) : Choose the word/group of words which is most opposite in meaning to the word/group of words printed in bold as used in the passage.

213. **MYRIAD**
(a) trivial (b) difficult
(c) few (d) effortless
(e) countless
214. **TEPID**
(a) moderate (b) high
(c) warm (d) irregular
(e) little
215. **MYTH**
(a) reality (b) belief
(c) contrast (d) idealism
(e) falsehood

DIRECTIONS (Qs. 216-220) : Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) If China is the world's factory, India has become the world's outsourcing centre - keeping in line with this image.
(B) But India's future depends crucially on its ability to compete fully in the Creative Economy - not just in tech and software, but across design and entrepreneurship; arts, culture and entertainment; and the knowledge-based professions of medicine, finance and law.
(C) While its creative assets outstrip those of other emerging competitors, India must address several challenges to increase its international competitiveness as the world is in the midst of a sweeping transformation.
(D) This transformation is evident in the fact that the world is moving from an industrial economy to a Creative Economy that generates wealth by harnessing intellectual labour, intangible goods and human creative capabilities.
(E) Its software industry is the world's second-largest, its tech outsourcing accounts for more than half of the \$ 300 billion global industry, according to a technology expert.
(F) If the meeting of world leaders at Davos is any indication, India is rapidly becoming an economic 'rock star'.
216. Which of the following should be the SIXTH (LAST) sentence after the rearrangement ?
(a) A (b) B
(c) C (d) D
(e) E
217. Which of the following should be the THIRD sentence after the rearrangement ?
(a) A (b) B
(c) C (d) D
(e) E
218. Which of the following should be the FIFTH sentence after the rearrangement ?
(a) A (b) B
(c) C (d) F
(e) E

219. Which of the following should be the FIRST sentence after the rearrangement ?
 (a) F (b) B
 (c) C (d) A
 (e) E
220. Which of the following should be the SECOND sentence after the rearrangement ?
 (a) A (b) B
 (c) C (d) D
 (e) F

DIRECTIONS (Qs. 221-225) : The following questions consist of a single sentence with one blank only. You are given six words denoted by A, B, C, D, E & F as answer choices and from the six choices you have to pick two correct answers, either of which will make the sentence meaningfully complete.

221. _____ before the clock struck 8 on Saturday night, India Gate was swamped with people wearing black tee-shirts and holding candles.
 (A) Minutes (B) Time
 (C) Later (D) Quickly
 (E) Since (F) Seconds
 (a) (B) and (E) (b) (A) and (C)
 (c) (A) and (F) (d) (B) and (D)
 (e) (C) and (E)
222. The Stales should take steps to the process of teachers' appointments as the Centre has already sanctioned six lakh posts.
 (A) fasten (B) move
 (C) hasten (D) speed
 (E) early (F) quicken
 (a) (D) and (F) (b) (A) and (C)
 (c) (C) and (F) (d) (D) and (E)
 (e) (B) and (D)
223. A senior citizen's son threatened her every day and physically harmed her, forcing her to transfer her property to him.
 (A) superficially (B) mistakenly
 (C) allegedly (D) miserably
 (E) doubtfully (F) purportedly
 (a) (C) and (F) (b) (A) and (E)
 (c) (C) and (E) (d) (D) and (F)
 (e) (A) and (C)
224. Medical teachers said that the management had continued to remain to their cause leading to the stretching of their strike.
 (A) unmoved (B) lethargic
 (C) unconcerned (D) apathetic
 (E) indifferent (F) bored
 (a) (B) and (C) (b) (C) and (F)
 (c) (A) and (E) (d) (A) and (D)
 (e) (D) and (E)
225. The parents had approached the high court to the government order after their children, who passed UKG, were denied admission by a school.
 (A) void (B) quash
 (C) annual (D) stay
 (E) lift (F) post
 (a) (A) and (D) (b) (B) and (C)
 (c) (C) and (E) (d) (E) and (F)
 (e) (C) and (D)

DIRECTIONS (Qs. 226-235) : Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is 'No error', the answer is '(e)'. (ignore errors of punctuation, if any).

226. The Government has asked individuals /
 (a)
 with income of over 110 lakhs to /
 (b)
 electronic file tax returns for the year 2011 -12, /
 (c)
 something which was optional till last year. No error /
 (d) (e)
227. The power tariff had already / been increased twice in /
 (a) (b)
 the last 15 months and the Electricity Board had also /
 (c)
 levied additional monthly charges to consumers.
 (d)
 No error /
 (e)
228. Despite of curfew / in some areas, minor /
 (a) (b)
 communal incidents were reported /
 (c)
 from different areas of the walled city. No error /
 (d) (e)
229. This comes / at a time / when fund allocation /
 (a) (b) (c)
 is been doubled. No error /
 (d) (e)
230. As the prison will get /
 (a)
 an official telephone facility soon, the prisoners /
 (b)
 wont have to make calls in discreet manner
 (c)
 through smuggled mobile phones. No error /
 (d) (e)
231. The area was plunged into / darkness mid a wave of /
 (a) (b)
 cheering and shouting / slogans like 'Save The Earth'. /
 (c) (d)
 No error /
 (e)

232. The poll contestants approached /
 (a) the commission complaining that the hoardings /
 (b) violated the code of conduct /
 (c) and influenced public perception. / No error
 (d) (e)
233. The country has / adequate laws but problems /
 (a) arise when these are not /
 (b) implemented in letter and spirit. / No error
 (c) (d) (e)
234. The Management feels that /
 (a) the employees of the organisation are /
 (b) non-productive, and do not want / to work hard.
 (c) (d) No error
 (e)
235. As far the issue of land encroachment /
 (a) in villages is concerned, people will /
 (b) have to make a start from their villages by /
 (c) sensitising and educating the villagers about this issue.
 (d) No error
 (e)

DIRECTIONS (Qs. 236-240) : Which of the phrases (a), (b), (c) and (d) given below each sentence should replace the word/phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark (e) as the answer.

236. US secretary of state made it clear that time **running out** for diplomacy over Iran's nuclear programme and said that talks aimed at preventing Tehran from acquiring a nuclear weapon would resume in April.
 (a) runs out (b) was running out
 (c) ran out (d) run
 (e) No correction required
237. While the war of the generals **rage on**, somewhere in small town India, wonderful things are happening, quietly and minus fanfare.
 (a) rage (b) raging
 (c) rages on (d) raged on
 (e) No correction required
238. According to WWF, the small island nation of Samoa was **the first in switch off** its lights for Earth Hour.

- (a) first to switch of (b) the first to switch off
 (c) the first of switch off (d) first in switch of
 (e) No correction required
239. The campaign is significant **because not just** the youths are directly appealing to the world but because their efforts challenge the chimera of normalcy in the area.
 (a) not just because (b) just not because
 (c) not just (d) because just
 (e) No correction required
240. The doctor's association has threatened to go on indefinite strike **support of** their teachers.
 (a) on supporting to (b) to supporting
 (c) for support (d) in support of
 (e) No correction required

DIRECTIONS (Qs. 241-250) : In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words/phrases are suggested, one of which fits the blank appropriately. Find out the appropriate word/phrase in each case.

Greenhouse gases are only (241) of the story when it comes to global warming. Changes to one part of the climate system can (242) additional changes to the way the planet absorbs or reflects energy. These secondary changes are (243) climate feedback's, and they could more than double the amount of warming caused by carbon dioxide alone. The primary feedback are (244) to snow and ice, water vapour, clouds, and the carbon cycle. The most well (245) feedback comes from melting snow and ice in the Northern Hemisphere. Warming temperatures are already (246) a growing percentage of Arctic sea ice, exposing dark ocean water during the (247) sunlight of summer. Snow cover on land is also (248) in many areas. In the (249) of snow and ice, these areas go from having bright, sunlight-reflecting surfaces that cool the planet to having dark, sunlight-absorbing surfaces that (250) more energy into the Earth system and cause more warming.

241. (a) whole (b) part
 (c) material (d) issue
 (e) most
242. (a) raise (b) brings
 (c) refer (d) stop
 (e) cause
243. (a) sensed (b) called
 (c) nothing (d) but
 (e) term
244. (a) due (b) results
 (c) reason (d) those
 (e) because
245. (a) done (b) known
 (c) ruled (d) bestowed
 (e) said
246. (a) mastering (b) sending
 (c) melting (d) calming
 (e) increasing
247. (a) make-shift (b) ceasing
 (c) troubled (d) perpetual
 (e) absent
248. (a) dwindling (b) manufactured
 (c) descending (d) generating
 (e) supplied
249. (a) progress (b) reduced
 (c) existence (d) midst
 (e) absence
250. (a) repel (b) waft
 (c) monitor (d) bring
 (e) access

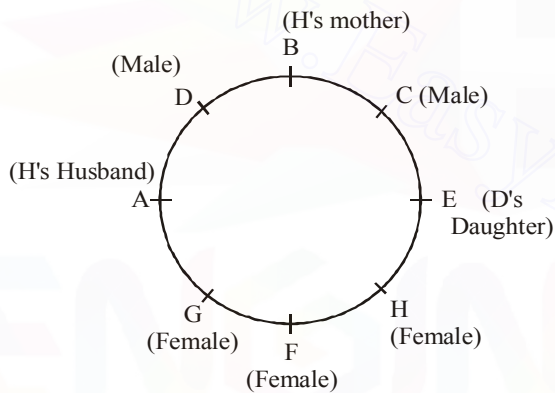
HINTS & SOLUTIONS

(1-4):

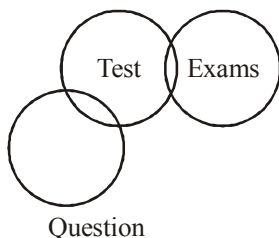
Input :	84	why	sit	14	32	not	best	ink	feet	51	27	vain	68	92
Step I :	14	84	why	sit	32	not	ink	feet	51	27	vain	68	92	best
Step II :	27	14	84	why	sit	32	not	ink	51	vain	68	92	best	feet
Step III :	32	27	14	84	why	sit	not	51	vain	68	92	best	feet	ink
Step IV :	51	32	27	14	84	why	sit	vain	68	92	best	feet	ink	not
Step V :	68	51	32	27	14	84	why	vain	92	best	feet	ink	not	sit
Step VI :	84	68	51	32	27	14	why	92	best	feet	ink	not	sit	vain
Step VII :	92	84	68	51	32	27	14	best	feet	ink	not	sit	vain	why

- (e) There is no such step.
- (d) The word 'best' is at the fifth position from the right in Step V.
- (b) There are three elements - 27, 14 and best - between 'feet' and '32' in the last step of the output.
- (c) The word 'why' is sixth from the left and ninth from the right in the Step IV.

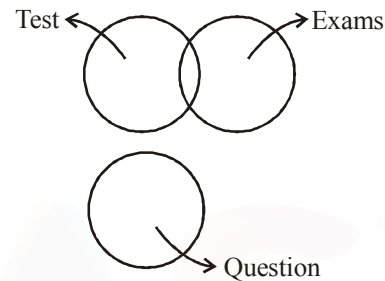
5-11.



- (d) A's wife is H. H's mother is B. Therefore, B is the mother-in-law of A, A is second to the right of B.
- (c) E is the daughter of D.
- (b) A is the father of F and G. G is the mother of C. Therefore, C is the grandchild of A. A is third to the right of C.
- (a) D is brother-in-law of A. A is father of F and G. Therefore, D is maternal uncle of G. There is only one person between G and D in clockwise direction.
- (b) Except C, all others are females.
- (e) B is the mother of H. C is the nephew of E, A is the husband of H, A is third to the left of H, Both the neighbours of C are females, F and G are daughters of H.
- (a) B sits to the immediate left of C. B is grandmother of F.
- (d)

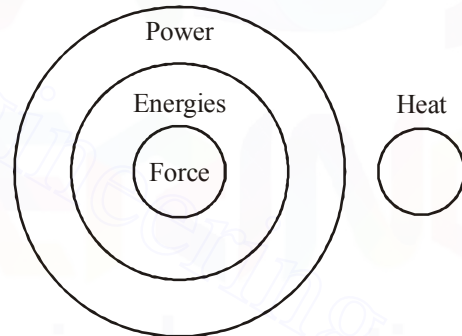


OR



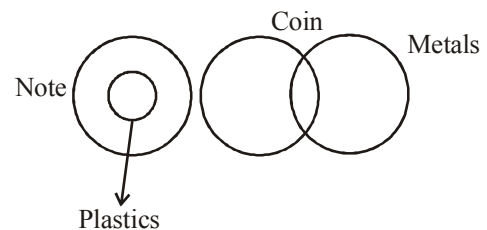
Conclusion I : False
Conclusion II : False

13-14.

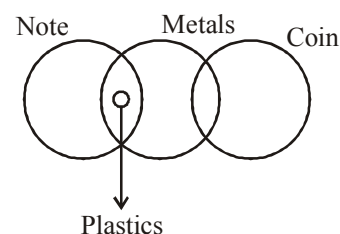


- (b) Conclusion I : False
Conclusion II : True
- (a) Conclusion I : True
Conclusion II : False

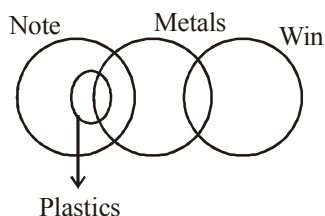
15-16.



OR

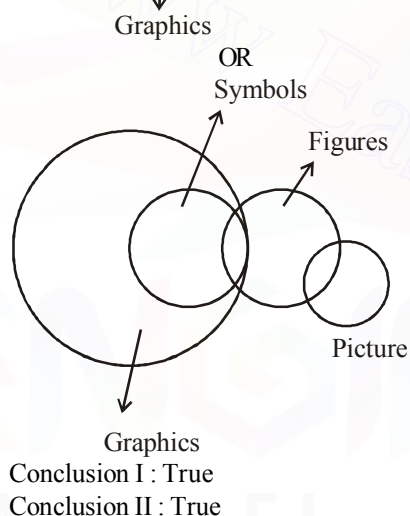
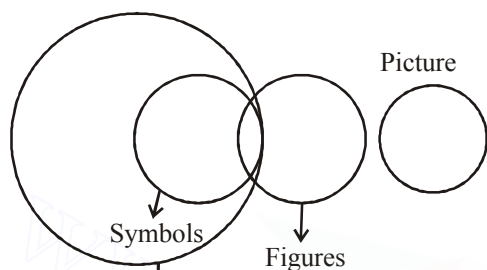


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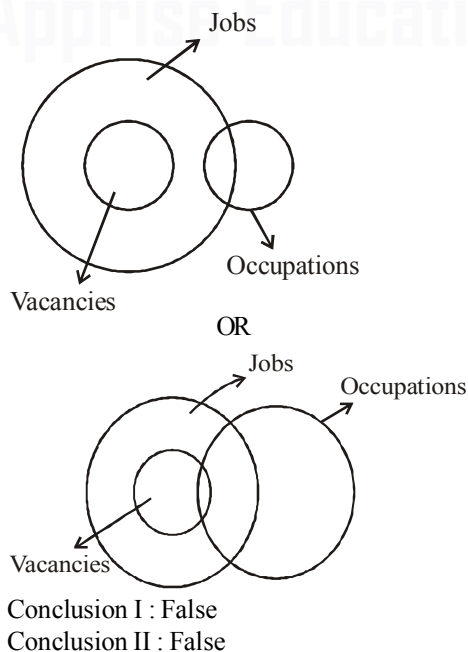


15. (e) **Conclusion I : True**
Conclusion II : True
16. (d) **Conclusion I : False**
Conclusion II : False

17. (e)



18. (d)

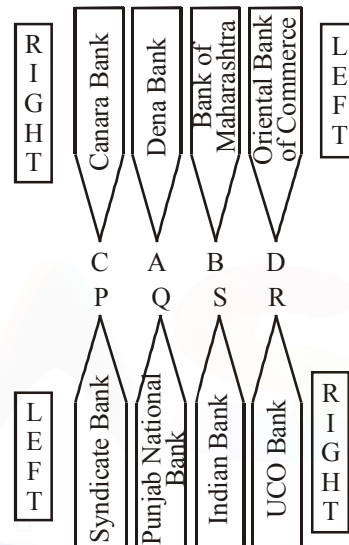


19-21.

B, D, F > C > A, E
 B > D > F > C > A, E
 B > D > F > C > E > A
 Score of F = 81
 Score of E = 62

19. (a) C scored more than 62 and less than 81.
 $62 < 70 < 81$
20. (e) D's score was more than 81.
 B scored the maximum marks.
 Three people, B, D and F scored more than C.
 B scored more than 81 marks.
21. (c) Score of F = 81
 Score of B = $81 + 13 = 94$
 Therefore, score of D = more than 81 and less than 94
 $81 < 89 < 94$

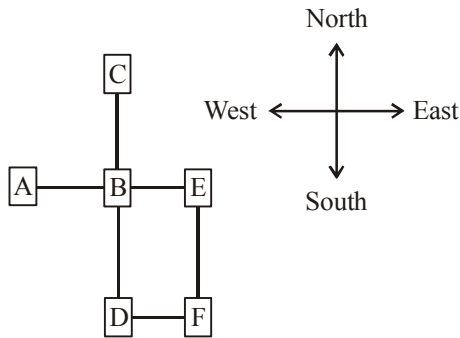
22-29.



22. (b) The person from Punjab National Bank, Q faces A. B is from Bank of Maharashtra and he is a immediate neighbour of A. A faces of person who sits second to the left of R. A is from Dena Bank. A sits third from the left and second from the right.
23. (e) S is seated between R and Q, the person from Punjab National Bank.
24. (d) Persons at the extreme ends : C from Canara Bank; D from Oriental Bank of Commerce; P from Syndicate Bank; R from UCO Bank.
25. (a) S from Indian Bank faces B from Bank of Maharashtra.
26. (d) P faces the immediate neighbour of A from Dena Bank. B faces the immediate neighbour of Q from Punjab National Bank. Similarly, D faces immediate neighbour of S from Indian Bank.
27. (d) Except Q, all others are seated at the extreme ends of the lines.
28. (c) P is from Syndicate Bank.
29. (e) C is from Canara Bank.
30. (e) From statements I, II and III

Floor No.	Person
6	P
5	T
4	R
3	S
2	Q
1	V

31. (b) From statements I and III
 1 2 3 4 5 6
 A S E
 A N S W E R
32. (b) From statements I and III

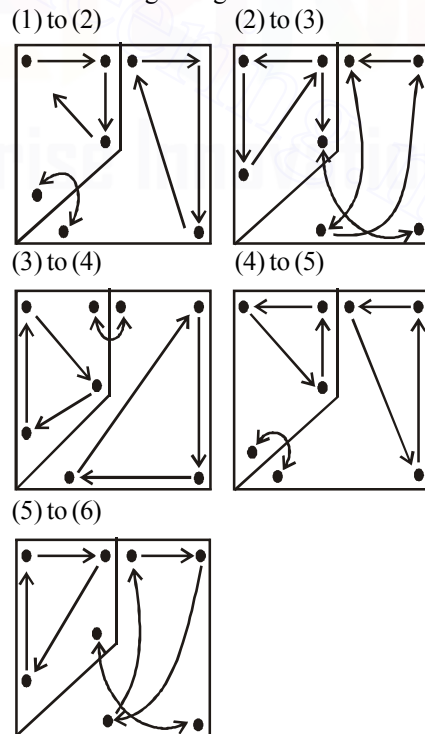


33. (e) From Statements I and II
 one of (its) kind → zo pi (ko) (fe)
 in kind and cash → ga to ru (ko)
 (its) (point) for origin → ba je (fe) (mi)
 make a (point) clear → yu si (mi) de
 From statements I and III.
 one (of) its kind → (zo) pi (ko) fe
 in kind and cash → ga to ru (ko)
 make money and cash → to mi ru hy
 money (of) various kind → qu (ko) (zo) hy
 From statements I, II and III
 one (of) its kind → (zo) pi (ko) (fe)
 in kind and cash → ga to ru (ko)
 (its) point for origin → ba le (fe) mi
 make a point clear → yu si mi de
 make money and cash → to mi ru hy
 money (of) various kind → qu (ko) (zo) hy

34. (d)
- Statement I
-
- Statement II
-
- Statement III
-

35. (b) It is clear from the statement that a farm's areas for organic and chemical farming are different.

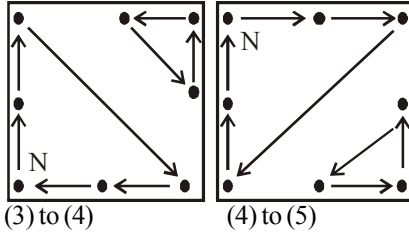
36. (c) There is a perception among small brands that sale in a supermarket is higher than that of small grocery stores.
37. (e) The statement clearly implies that smaller brands are currently making substantial losses in their businesses. Consider the term "troubled waters".
38. (b) Statement (C) represents a disadvantage of the small grocery stores over the Supermarkets from the perspective of a smaller brand. Small grocery stores do not help in distribution of any brand.
39. (c) Statement (D) represents a reason for the shift from local grocery stores of supermarkets by the smaller brands.
40. (a) Statement (A) will prove that step taken by the smaller brands may not necessarily be correct.
41. (d) In the subsequent figures two and three designs are inverted alternately. From problems Figure (1) to (2) the first and the second designs from the top interchange positions and the lowermost design moves to the middle position. From problem Figure (2) and (3) the lowermost design moves to the top and the second design from the top moves to the lowermost position while the third and the fourth designs interchange positions. From problem Figure (3) to (4) the top most and the lowermost designs interchange positions and the fourth design moves to the second position. From Problem Figure (4) to (5) the topmost design moves to the fourth position, the lowermost design moves to the topmost position while the second and the third designs interchange positions. Therefore, from problem Figure (5) to Answer Figure the third and the fourth designs would interchange positions and would be inverted, the lowermost design would move to the top position and the second design from the top would move to the lowermost position.
42. (a) The following changes occur in the subsequent figures:



43. (d) From problem Figure (1) to (2) and from problem Figure (5) to Answer Figure the smaller square with four

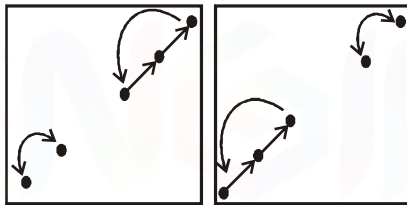
designs moves two steps in anticlockwise direction and the designs in each row interchange positions. The other three designs move two steps in clockwise direction.

44. (c) The following changes occur in the subsequent figures:
(1) to (2) (2) to (3)
(5) to (6)

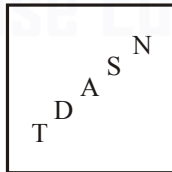


45. (b) From problem Figure (1) to (2) the plane of designs rotates through 90° clockwise and the second and the fifth designs interchange positions. Similarly, the third and the fourth designs interchange positions. Similar changes occur from Problem Figure (3) to (4) and from problem figure (5) to Answer Figure.

46. (d) The following changes occur in the subsequent figures:
(1) to (2) (2) to (3)
(3) to (4) (4) to (5)



In Figure (4) the arrangement of designs would be as follows:



47. (e) The line segment with cross rotates respectively through $45^\circ, 90^\circ, 135^\circ, 180^\circ \dots$ in clockwise direction.
48. (d) In each subsequent figure the designs move in clockwise direction and the number of designs at a particular position is fixed. Again, a new design appears at the lower right side. In figure (4), there should be design (L) in the place of circle at the lower right side.
49. (e) In the subsequent figures respectively one, two, three, four ..., curves are inverted in a set order. In Figure (5) five curves have been inverted.
50. (a) In the first step the outer part of upper design moves inside the lower design and new designs appear at the upper and lower positions. In the second step, the outer part of lower design moves inside the upper design and new designs appear at both the upper and

lower positions. In Figure (1) there should be another design at the lower side.

$$\begin{aligned} 51. \quad (d) \quad & 4003 \times 77 - 21015 = ? \times 116 \\ & \Rightarrow 308231 - 21015 = ? \times 116 \Rightarrow 287216 = ? \times 116 \\ & \Rightarrow ? = \frac{287216}{116} = 2476 \end{aligned}$$

$$\begin{aligned} 52. \quad (a) \quad & [(5\sqrt{7} + \sqrt{7}) \times (4\sqrt{7} + 8\sqrt{7})] - (19)^2 = ? \\ & \Rightarrow (6\sqrt{7} \times 12\sqrt{7}) - (361) = ? \\ & \Rightarrow 72 \times \sqrt{7} \times \sqrt{7} - 361 = ? \\ & \therefore ? = 504 - 361 = 143 \end{aligned}$$

$$\begin{aligned} 53. \quad (b) \quad & (4444 \div 40) + (645 \div 25) + (3991 \div 26) = ? \\ & \Rightarrow ? = (111.1) + (25.8) + (153.5) \Rightarrow ? = 290.4 \end{aligned}$$

$$\begin{aligned} 54. \quad (e) \quad & \sqrt{33124} \times \sqrt{2601} - (83)^2 = (?)^2 (37)^2 \\ & \Rightarrow (?)^2 = \sqrt{33124} \times \sqrt{2601} - (83)^2 - (37)^2 \\ & \Rightarrow (?)^2 = 182 \times 51 - 6889 - 1369 \\ & \Rightarrow (?)^2 = 9282 - 6889 - 1369 \\ & \Rightarrow (?)^2 = 1024 \\ & \therefore ? = \sqrt{1024} = 32 \end{aligned}$$

$$\begin{aligned} 55. \quad (b) \quad & 5\frac{17}{37} \times 4\frac{51}{52} \times 11\frac{1}{7} + 2\frac{3}{4} = ? \\ & \Rightarrow \left(\frac{202}{37} \times \frac{259}{52} \times \frac{78}{7} \right) + \left(\frac{11}{4} \right) = ? \\ & \Rightarrow 303 + \frac{11}{4} = ? \end{aligned}$$

$$\therefore ? = \frac{1223}{4} = 305.75$$

$$\begin{aligned} 56. \quad (c) \quad & 8787 \div 343 \times \sqrt{50} = ? \\ & \Rightarrow 25 \times 7 = ? \\ & \therefore ? = 175 \approx 180 \end{aligned}$$

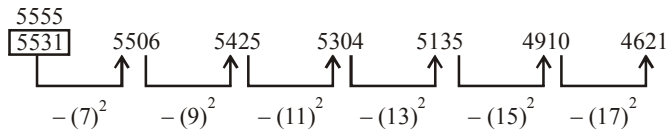
$$\begin{aligned} 57. \quad (b) \quad & \sqrt[3]{54821} \times (303 \div 8) = (?)^2 \\ & \Rightarrow 38 \times 37.5 (?)^2 \\ & ? = \sqrt{38 \times 38} \\ & ? = 38 \end{aligned}$$

$$\begin{aligned} 58. \quad (c) \quad & \frac{5}{8} \text{ of } 4011.33 + \frac{7}{10} \text{ of } 3411.22 = ? \\ & \Rightarrow \frac{5}{8} \times 4010 + \frac{7}{10} \times 3410 \Rightarrow 2506 + 2387 \\ & \Rightarrow 4893 \approx 4890 \end{aligned}$$

$$\begin{aligned} 59. \quad (e) \quad & 23\% \text{ of } 6783 + 57\% \text{ of } 8431 = ? \\ & \Rightarrow ? = 1559 + 4805 \\ & \therefore ? = 6364 \approx 6360 \end{aligned}$$

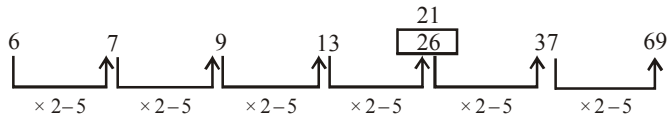
$$\begin{aligned} 60. \quad (a) \quad & 335.01 \times 244.99 \div 55 \\ & \Rightarrow ? = \frac{335 \times 245}{55} \\ & \therefore ? = 1492 \approx 1490 \end{aligned}$$

61. (a) The given number series is based on the following pattern:



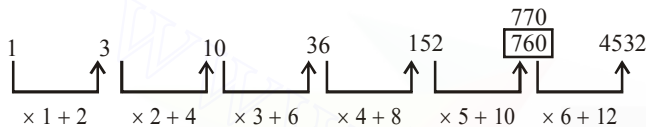
Hence, the number 5531 is wrong and it should be replaced by 5555.

62. (b) The given number series is based on the following pattern:



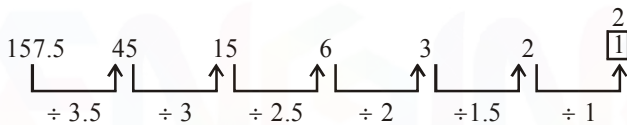
Hence, the number 26 is wrong and it should be replaced by 21.

63. (d) The given number series is based on the following pattern:



Hence, the number 760 is wrong and it should be replaced by 770.

64. (e) The given series is
 $\times 0.5 + 0.5, \times 1 + 1, \times 1.5 + 1.5,$
 $\times 2 + 2, \times 2.5 + 2.5, \times 3 + 3$
65. (a) The given number series is based on the following pattern:



Hence the number 1 is wrong and it should be replaced by 2.

66-70.

Day 1				Day 2		
Vehicle	Time in hr	Distance in km	Speed in km/hr	Time in hr	Distance in km	Speed in km/hr
A	16	832	52	16	864	54
B	12	516	43	18	774	43
C	11	693	63	18	810	45
D	12	552	46	15	765	51
E	16	935	58.4	14	546	39
F	19	703	37	12	636	53

66. (d) Vehicle B.
 67. (c) Speed of vehicle A on day 1 = 52 km/hr
 Speed of vehicle C on day 1 = 63 km/hr
 Difference = 63 - 52 = 11 km/hr
 68. (e) Speed of vehicle can day 2 = 45 km/hr

$$\Rightarrow \left(45 \times \frac{5}{18}\right) \text{ m/sec} = 12.5 \text{ m/sec}$$

69. (e) Percentage

$$= \frac{\text{Distance travelled by vehicle F on day 2}}{\text{Distance travelled by vehicle F on day 1}} \times 100$$

$$= \frac{636}{703} \times 100 \approx \frac{630}{700} \times 100 \approx 90\%$$

70. (b) Speed of vehicle D on day 2 = 51
 Speed of vehicle E on day 2 = 39

$$\text{Required ratio} = \frac{51}{39} = \frac{17}{13} \text{ or } 17:13$$

71. (a) Article purchased = ₹ 78350

$$\text{Marked price} = ₹ \left(78350 \times \frac{130}{100}\right) = ₹ 101855$$

After Discount Price of Article

$$= ₹ \left(101855 \times \frac{80}{100}\right) = ₹ 81484$$

$$\text{Profit Percentage} = \frac{\text{Profit}}{\text{Cost Price}} \times 100$$

$$\Rightarrow \frac{81484 - 78350}{81484} \times 100 = 3.8 \approx 4\%$$

72. (e) 9, 15, 27

$$9 - x, 15 - x, 27 - x$$

$$\frac{15 - x}{9 - x} = \frac{27 - x}{15 - x}$$

$$\Rightarrow (15 - x)^2 = (27 - x)(9 - x)$$

$$\Rightarrow 225 + x^2 - 30x = 243 - 9x - 27x + x^2$$

$$\Rightarrow -30x + 9x + 27x = 243 - 225$$

$$\Rightarrow 6x = 18 \Rightarrow x = 3$$

73. (b) Required difference = $P \left(\frac{R}{100} \right)^2$

$$= 7300 \times \left(\frac{6}{100} \right)^2 = ₹ 26.28$$

74. (e) Let the numbers are $x, x + 1, x + 2$
 sum of three consecutive numbers = 2262
 $x + x + 1 + x + 2 = 2262$

$$3x + 3 = 2262$$

$$3x = 2259$$

$$x = 753$$

Number are 753, 754, 755

$$\therefore 41\% \text{ of } 755 = 309.55$$

75. (d) No. of vowels in the word THERAPY

$$= 2 \text{ i.e. E and A}$$

In such cases we treat the group of two vowels as one entity or one letter because they are supposed to always come together. Thus, the problem reduces to

arranging 6 letters i.e. T, H, R, P, Y and EA in 6 vacant places.

No. of ways 6 letters can be arranged in 6 places = $6! = 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 720$

But the vowels can be arranged themselves in 2 different ways by interchanging their position. Hence, each of the above 720 arrangements can be written in 2 ways.

\therefore Required no. of total arrangements when two vowels are together = $720 \times 2 = 1440$

Total no. of arrangements of THERAPY = $7!$

$= 7 \times 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 5040$

No. of arrangement when vowels do not come together = $5040 - 1440 = 3600$

76-80.

	Total number of Mobiles Sold	Total Number of Mobiles Sold of Company A	Total Number of Mobiles Sold of Company B
July	7650	4080	3570
August	9900	4400	5500
September	11250	6750	4500
October	3600	2100	1500
November	5400	2520	2880
December	7200	3150	4050

76. (c) Number of mobiles sold of company B in July = 3570

Number of mobiles sold of company B in December = 4050

Required Ratio = $3570 : 4050 = 119 : 135$

77. (c) Total mobiles sold by company A during November = 2520

Total mobiles sold by this company at discount = 35% of 2520 = 882

Total mobiles sold by company A without discount = $2520 - 882 = 1638$

78. (d) Mobile phones sold of company B during October = 1500

Total profit earned on the mobile phones

$= ₹(433 \times 1500) = ₹6,49,500$

79. (e) Number of mobile phones sold of company A during July = 4080

Number of mobile phones sold by company A during December = 3150

Required percentage = $\frac{4080}{3150} \times 100 = 129.5 \approx 130\%$

80. (a) Mobile phones sold of company B during August = 5500

Mobile phones sold of company B during September = 4500

Total number of mobile phones = $5500 + 4500 = 10,000$

81. (c) Area of customer transaction room = $23\text{m} \times 29\text{m} = 667\text{ sq.m}$

Area of branch manager room = $13\text{m} \times 17\text{m} = 221\text{ sq. m}$

Area of Pantry room = $14\text{m} \times 13\text{m} = 182\text{ sq. m}$

Area of Server room = $21\text{m} \times 13\text{m} = 273\text{ sq. m}$

Area of locker room = $29\text{m} \times 21\text{m} = 609\text{ sq. m}$

Total cost of wooden flooring = $₹[(170 \times (667 + 221))] = ₹(888 \times 170)$

Total cost of marble flooring

$= ₹[(190 \times (182 + 273 + 609))] = ₹(190 \times 1064)$

Required Ratio = $888 \times 170 : 1064 \times 190 = 1887 : 2527$

82. (c) Area of 4 walls and ceiling of branch managers room = $2(lh + bh) + lb = 2[17 \times 12 + 13 \times 12] + 13 \times 17 = 941\text{ sq. m}$

Total cost of renovatin = $₹190 \times 941 = ₹178790$

83. (e) Total area of bank is 2000 sq. m

Total area of bank to be renovated = 1952 sq. m

Remaining Area = $2000 - 1952 = 48\text{ sq. m}$

Total cost Remaining Area to be carpeted at the rate of ₹110/sq. meter = $₹(48 \times 110) = ₹5280$

84. (b) percentage area of bank not to be renovated

$\Rightarrow \frac{\text{Area bank not be renovated}}{\text{Total area of bank}} \times 100 = \frac{48}{2000} \times 100 = 2.4\%$

85. (a) Total cost of hall of customer transaction

$= ₹(170 \times 667) = ₹113,390$

Total cost of Locker area = $₹(190 \times 609) = ₹115710$

Total cost of customer transaction hall + locker area = $₹(113390 + 115710) = ₹229100$

86. (a) Let amount of B = ₹x

B's Share without error = $\frac{\text{B's ratio}}{\text{Total ratio}} \times \text{Total Amount}$

$x = \frac{3}{9} \times \text{Total Amount} \quad \dots(1)$

B's share after error = $\frac{\text{B's new ratio}}{\text{Total new ratio}} \times \text{Total Amount}$

$x - 40 = \frac{2}{14} \times \text{Total Amount} \quad \dots(2)$

From equation (1) and (2)

$3x = 7(x - 40)$

$3x - 7x = -280$

$\therefore x = 70$

Total Amount = $7(70 - 40) = ₹210$

87. (c) By options

(a) Either 12 or 13

then ice-creams should not be given atleast 9. This can be rejected.

(b) Either 11 or 12

Ice-cream should be atleast 9. By this combination ice cream gets less than 9.

(c) Either 10 or 11

By giving cookies 10 or 11, we get all the possible condition fulfilled.

(d) and (e), the ice-cream distribution can be more than cookies which violates our condition.

\therefore option (c) is the write answer.

88. (c) $₹[(x \text{ for first 5 km}) + 13 \times \text{remaining kms}] = \text{Total pay}$

$₹x + ₹13 \times 182 = ₹2402$

$x + 2366 = 2402$

$x = ₹36$

89. (a) Let the even consecutive numbers are $2n-2, 2n, 2n+2$

$(2n-2) \times (2n) \times (2n+2) = 4032 \quad \dots(1)$

Product of 1st even number third even number = 252

Putting this in equation

$$252 \times 2n = 4032 \Rightarrow n = 8$$

Numbers are 14, 16, 18

Five times of 2nd number is $5 \times 16 = 80$

90. (a) Let the 4 members are x_1, x_2, x_3 , daughter

Sum of 4 members five years ago

$$= x_1 + x_2 + x_3 + \text{daughter} = 94$$

After 5 years,

$$x_1 + x_2 + x_3 + \text{daughter} = 114$$

daughter + daughter in law = 92

Daughter = 92 - daughter in law

Put this eqn. ... (1)

$$x_1 + x_2 + x_3 + 92 - \text{Daughter in law} = 114$$

$$x_1 + x_2 + x_3 = 22 + \text{Daughter in law}$$

So, the required difference is 22 years.

91. (d) No. of ways of getting 2 white balls = ${}^{13}C_2$

No. of ways of getting 2 black balls = 7C_2

Probability of getting 2 same colour ball

$$= \frac{\text{Probability of 2 white balls or Probability of 2 Black balls}}{\text{Total number of balls drawn}}$$

$$\Rightarrow \frac{{}^{13}C_2 + {}^7C_2}{{}^{20}C_2} \Rightarrow \frac{\frac{13!}{2! \times 11!} + \frac{7!}{2! \times 5!}}{\frac{20!}{18! \times 2!}}$$

$$\Rightarrow \frac{\frac{13 \times 12 \times 11!}{2 \times 11!} + \frac{7 \times 6 \times 5!}{2 \times 5!}}{\frac{20 \times 19 \times 18!}{18! \times 2!}} = \frac{13 \times 12 + 7 \times 6}{20 \times 19}$$

$$\Rightarrow \frac{198}{380} = \frac{99}{190}$$

92. (b) Marks in subject B = 56% of 150 = 84

Total marks obtained = 54 % of Total marks

$$= \frac{54}{100} \times 450 \quad [\because \text{Maximum marks in each subject is 150}]$$

$$= 243$$

Total marks obtained = A + B + C

$$243 = 73 + 84 + X$$

$$X = 86$$

93. (d) Area of square = 1444 sq. meters

$$\text{Side of square} = \sqrt{1444} = 38 \text{ m}$$

$$\text{Breadth of Rectangle} = \frac{1}{4} \times \text{side of square}$$

$$\Rightarrow \frac{1}{4} \times 38 = 9.5 \text{ m}$$

Length of Rectangle $\Rightarrow 3 \times \text{breadth}$

$$\Rightarrow 3 \times 9.5 \Rightarrow 28.5 \text{ m}$$

Area of Rectangle = 270.75 sq. m

Difference in area = 1444 - 270.75

$$\Rightarrow 1173.25 \text{ sq. mtr}$$

- ... (1) 94. (e) A and B ratio is 4 : 7

$$\Rightarrow 4x + 7x = 73689$$

$$\Rightarrow 11x = 73689$$

$$\Rightarrow x = 6699$$

Share of A = ₹26796

Share of B = ₹46893

Difference = twice of share B - thrice of share A

$$= 2 \times 46893 - 3 \times 26796 = ₹13398$$

- ... (1) 95. (d) $A + B$ 1 day's work = $\frac{1}{20}$... (1)

$$B + C \quad 1 \text{ day's work} = \frac{1}{30} \quad \dots (2)$$

$$C + A \quad 1 \text{ day's work} = \frac{1}{40} \quad \dots (3)$$

Adding eqn. (1), (2) and (3)

$$2(A + B + C) = \frac{1}{20} + \frac{1}{30} + \frac{1}{40}$$

$$2(A + B + C) = \frac{6 + 4 + 3}{120}$$

$$\Rightarrow A + B + C \quad 1 \text{ day work together} = \frac{13}{240}$$

$$A' \text{ Alone } 1 \text{ day's work} = (A + B + C) 12 \text{ day's work} - (B + C) 1 \text{ day's work}$$

$$A = \frac{13}{240} - \frac{1}{30} \Rightarrow \frac{13 - 8}{240} = \frac{5}{240}$$

$$\text{Number of days taken by } A = \frac{240}{5} \text{ days}$$

$$C' \text{ Alone } 1 \text{ day's work} = (A + B + C) 12 \text{ day's work} - (A + B) 1 \text{ day's work}$$

$$\Rightarrow \frac{13}{240} - \frac{1}{20} \Rightarrow \frac{13 - 12}{240} = \frac{1}{240}$$

$$\text{Number of days taken by } C = \frac{240}{1} \text{ days}$$

$$\text{Required Ratio} \quad \frac{240}{5} : \frac{240}{1}$$

$$\Rightarrow 1 : 5$$

96. (d) Percentage increase = $\frac{2010 - 2009}{2009} \times 100$

$$= \frac{700 - 550}{550} \times 100 = 27.2 \approx 27\%$$

97. (b) Percent of production = $\frac{400}{550} \times 100 = 72.72 \approx 73\%$

98. (c)

Year	Production of B
2006	600
2007	700
2008	800
2009	600
2010	650
2011	700

$$= \frac{600 + 700 + 800 + 600 + 650 + 700}{6} = 675$$

99. (e) Total production of company A = 4050
Total sales of company A = 2750
Required ratio $\Rightarrow 4050 : 2750 = 81 : 55$
100. (c) Required ratio = production of B in the year 2006 :
Production of B in the year 2008
 $\Rightarrow 600 : 800 \Rightarrow 3 : 4$
101. (a) 102. (b) 103. (b) 104. (a) 105. (e)
106. (d) 107. (b) 108. (c) 109. (e) 110. (c)
111. (b) 112. (a) 113. (a) 114. (d) 115. (c)
116. (d) 117. (b) 118. (e) 119. (a) 120. (c)
121. (e) 122. (d) 123. (d) 124. (b) 125. (d)
126. (b) 127. (a) 128. (e) 129. (e) 130. (e)
131. (d) 132. (a) 133. (d) 134. (c) 135. (b)
136. (c) 137. (a) 138. (d) 139. (a) 140. (c)
141. (b) 142. (c) 143. (a) 144. (e) 145. (d)
146. (e) 147. (b) 148. (d) 149. (c) 150. (d)
151. (b) 152. (a) 153. (c) 154. (a) 155. (b)
156. (a) 157. (a) 158. (c) 159. (e) 160. (a)
161. (e) 162. (c) 163. (c) 164. (c) 165. (a)
166. (d) 167. (e) 168. (e) 169. (e) 170. (a)
171. (d) 172. (a) 173. (b) 174. (d) 175. (a)
176. (d) 177. (b) 178. (d) 179. (a) 180. (b)
181. (d) 182. (e) 183. (c) 184. (c) 185. (b)
186. (a) 187. (e) 188. (b) 189. (c) 190. (d)
191. (e) 192. (b) 193. (b) 194. (e) 195. (a)
196. (c) 197. (d) 198. (a) 199. (b) 200. (d)
201. (e) All are true.
202. (c) Only (A) and (C).
203. (d) There is a chance that in 2012 the economy would be better than what has been forecast.
204. (d) The current Economic Scenario.
205. (a) Only (B).
206. (a) These will bring about only minor growth.
207. (e) None is true.
208. (e) All (A), (B) and (C).
209. (a) The meaning of word Draw (verb) as used in the passage is : Influence.
Hence, the words Draw and Entice are synonymous.
210. (a) The meaning of clock (noun) as used in the passage is : time keeping device.
Hence, the words Clock and Watch are synonymous.
211. (d) The meaning of Abate (verb) as used in the passage is : to become less.
Hence, the words Abate and Lessen are synonymous.
212. (b) The meaning of emerging (verb) as used in the passage is : come into sight.
Hence, the words Emerging and Developing are synonymous.
213. (c) The meaning of Myraid (adjective) as used in the passage is : numerous.
Hence, the words myraid and few are antonymous.
214. (a) The meaning of Tepid (Adjective) as used in the passage is warm.
Hence, the words tepid and moderate are antonymous.
215. (a) The meaning of Myth as used in the passage is : fictional.
- 216-220. F A E B C D
216. (d) D 217. (e) E
218. (c) C 219. (a) F
220. (a) A
221. (a) 222. (b) 223. (c)
224. (b) 225. (c) 226. (e)
227. (d) Here, levied additional monthly charges on consumers is used.
228. (a) Here, Despite curfew is used.
229. (d) Here, Has been doubled is used.
230. (a) 231. (b) 232. (c)
233. (c) Here, arise when they are not is used.
234. (e) No error 235. (b)
236. (a) runs out.
237. (c) rages on.
238. (b) the first to switch off.
239. (a) not just because.
240. (d) in support of.
241. (b) 242. (e) 243. (b) 244. (a) 245. (b)
246. (c) 247. (d) 248. (a) 249. (e) 250. (d)

IBPS SPECIALIST OFFICER EXAM 2012

Based on Memory

REASONING ABILITY

1. In a certain code 'TEAM WORK' is written as 'NBFUJQNV' and 'SOME' is written as 'PTDL'. How is 'PERSON' written in that code ?
(a) QDOOPT (b) QDOMNR
(c) SFQMNR (d) SFQOPT
(e) None of these
 2. How many such pairs of letters are there in the word 'SUBSTANCE' each of which has as many letters between them in the word (in both forward and backward directions) as in the English alphabet ?
(a) None (b) One
(c) Two (d) Three
(e) More than three
 3. How many meaningful English words, **not ending with 'D'** can be made with the third, the fifth, the seventh and the ninth letters of the word 'STEADFAST' using each letter only once in each word ? (All letters are counted from left to right)
(a) None (b) One
(c) Two (d) Three
(e) More than three
 4. In a certain code 'BASKET' is written as '5\$3%#1' and 'TRIED' is written as '14★#2'. How is 'SKIRT' written in that code ?
(a) 3%★41 (b) 3★%41
(c) 3%#41 (d) 3#4%1
(e) None of these
 5. The positions of the first and the fifth digits of the number 81943275 are interchanged. Similarly the positions of the second and the sixth digits are interchanged and so on till the fourth and the eighth digits. Which of the following will be the third digit from the right end after the rearrangement ?
(a) 1 (b) 9
(c) 2 (d) 4
(e) None of these
- DIRECTIONS (6–10) :** Study the following arrangement carefully and answer the questions given below :
- M 3 # R A T I E J \$ K @ F U 5 4 V I 6 © D 8 ★ H N 7 δ 2 W
6. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that **does not** belong to that group ?
(a) TER (b) U4@
(c) 6DV (d) J I K
(e) Nδ★
 7. How many such numbers are there in the above arrangement, each of which is immediately preceded by a letter but **not** immediately followed by a letter ?
(a) None (b) One
(c) Two (d) Three
(e) More than three
 8. What should come in place of the question mark (?) in the following series based on the above arrangement ?
RTI \$@F 416 ?
(a) 8 ★ H (b) 8 H N
(c) 8 H 7 (d) D ★ H
(e) None of these
 9. How many such symbols are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a letter ?
(a) None (b) One
(c) Two (d) Three
(e) More than three
 10. Which of the following is the seventh to the left of the twentieth from the left end of the above arrangement ?
(a) V (b) @
(c) δ (d) ©
(e) None of these
- DIRECTIONS (11 - 15) :** Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and—
- Give answer (a)** if the data in statement **I alone** are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
Give answer (b) if the data in statement **II alone** are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
Give answer (c) if the data **either** in statement I alone or in statement II alone are sufficient to answer the question.
Give answer (d) if the data given in both the statements I and II together are **not** sufficient to answer the question, and
Give answer (e) if the data in both the statements I and II together are necessary to answer the question.
11. Among M, P, T, R and W each being of a different age, who is the youngest ?
I. T is younger than only P and W.
II. M is younger than T and older than R.
 12. How is 'gone' written in a code language?
I. 'You will be gone' is written as 'ka pa ni sa' in that code language.
II. 'he will be there' is written as 'ja da ka ni' in that code language.
 13. On which day of the week (starting from Monday and ending on Sunday of the same week) did Sushant visit Chennai ?
I. Sushant visited Chennai two days after his brother visited Chennai.
II. Sushant did not visit Chennai either on Wednesday or on Friday.

14. Towards which direction is P with respect to the starting point ?
- P walked 20 metres, took a right turn and walked 30 metres, again took right turn and walked 20 metres towards West.
 - P walked 30 metres, took a left turn and walked 20 metres; again took left turn and walked 30 metres towards East.
15. How is K related to Z ?
- Z and P are the only sisters of D.
 - D's mother is wife of K's father.

DIRECTIONS (16-20) : In the following questions, the symbols @, \$, #, © and % are used with the following meaning as illustrated below :

'P \$ Q' means 'P is not neither greater than nor equal to Q'.

'P © Q' means 'P is neither greater than nor equal to Q.'

'P # Q' means 'P is neither smaller than nor equal to Q.'

'P % Q' means 'P is not greater than Q.'

'P @ Q' means 'P is neither greater than nor smaller than Q.'

Now in each of the following questions assuming the given statements to be true, find which of the four conclusions I, II, III and IV given below them is/are **definitely true** and give your answer accordingly.

16. Statement :

R # J, J \$ D, D @ K, K % T

Conclusions :

- T # D
 - R @ D
 - R # K
 - J \$ T
- Only either I or II is true
 - Only III is true
 - Only III and IV are true
 - Only either I or II and III are true
 - None of these

17. Statement :

T % R, R \$ M, M @ D, D © H

Conclusions :

- D % R
 - H # R
 - T © M
 - T % D
- Only I is true
 - Only I and IV are true
 - Only II and III are true
 - Only II and IV are true
 - None of these

18. Statement :

M @ B, B # N, N \$ R, R © K

Conclusions :

- K # B
 - R © B
 - M \$ R
 - N © M
- Only I and III are true
 - Only I and IV are true
 - Only I and IV are true
 - Only II, III and IV are true

(e) None of these

19. Statement :

F # H, H @ M, M © E, E \$ J

Conclusions :

- J © M
 - E # H
 - M © F
 - F # E
- Only I and II are true
 - Only II and III are true
 - Only I, II and III are true
 - Only II, III and IV are true
 - None of these

20. Statement :

D % A, A @ B, B © K, K % M

Conclusions :

- B \$ D
 - K # A
 - M # B
 - A © M
- Only I, II and IV are true
 - Only I, II and III are true
 - Only II, III and IV are true
 - Only I, III and IV are true
 - All I, II, III and IV are true

DIRECTIONS (21-25) : Study the following information carefully and answer the given questions:

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement (All the numbers given in the arrangement are two digit numbers).

Input : gone over 35 69 test 72 park 27

Step I : 27 gone over 35 69 test 72 park

Step II : 27 test gone over 35 69 72 park

Step III : 27 test 35 gone over 69 72 park

Step IV : 27 test 35 park gone over 69 72

Step V : 27 test 35 park 69 gone over 72

Step VI : 27 test 35 park 69 over gone 72

Step VII : 27 test 35 park 69 over 72 gone

and Step VII is the last step of the rearrangement of the above input as the desired arrangement is obtained.

As per the rules followed in the above steps, find out in each of the following questions the appropriate step for the given input.

21. Input : 86 open shut door 31 49 always 45

How many steps will be required to complete the rearrangement?

- Five
- Six
- Seven
- Four
- None of these

22. Step III of an input 25 yes 37 enemy joy defer 52 46

Which of the following is definitely the input ?

- enemy 25 joy defeat yes 52 37 46
- 37 enemy 25 joy yes defeat 52 46
- enemy joy defeat 25 52 yes 46 37
- Cannot be determined
- None of these

23. Step II of an Input : 18 win 71 34 now if victory 61

How many more steps will be required to complete the rearrangement ?

- (a) Three (b) Four
(c) Five (d) Six
(e) More than six
24. Input : where 47 59 12 are they going 39
Which of the following steps will be the last but one ?
(a) VII (b) IV
(c) V (d) VIII
(e) None of these
25. Step II of an input : 33 store 81 75 full of goods 52
Which of the following will be step VI ?
(a) 33 store 52 of 75 81 full goods
(b) 33 store 52 of 75 full 81 goods
(c) 33 store 52 of 75 goods 81 full
(d) There will be no such step
(e) None of these

DIRECTIONS (26-30) : Study the following information carefully and answer the given questions given below :

Following are the conditions for selecting Manager-HR in an organisation :

The candidate must –

- be at least 30 years and not more than 35 years as on 01.03.2012.
- have secured at least 60 percent marks in Graduation in any discipline.
- have secured at least 65 percent marks in the Post Graduate degree/ Diploma in personnel Management/HR.
- have post qualification work experience of at least five years in the personal/HR Department of an organisation.
- have secured at least 50 percent marks in the selection process.

In the case of a candidate who satisfies all the above conditions except-

- at (ii) above, but has secured at least 55 percent marks in Graduation in any discipline and at least 70 percent marks in post Graduate Degree/Diploma in personnel Management/HR, the case is to be referred to GM - HR.
- at (iv) above, but has post qualification work experience of at least two years as Deputy Manager- HR. the case is to be referred to President - HR.

In each question below are given details of one candidate. You have to take one of the following courses of actions based on the information provided and the conditions and sub-conditions given above and mark the number of that course of action as your answer. You are not to assume anything other than the information provided in each question. All these cases are given to you as on 01.03.2012.

Mark answer (a) if the candidate is **not** to be selected

Mark answer (b) if the data provided are not adequate to take a decision.

Mark answer (c) if the case is to be referred to president-HR

Mark answer (d) if the case is to be referred to GM-HR

Mark answer (e) if the candidate is to be selected

26. Rita Bhatt was born on 25th July 1978. She has secured 62 per cent marks in Graduation and 65 per cent marks in post Graduate Diploma in Management. She has been working for the past six years in the personnel Department

of an organisation after completing her post Graduation. She has secured 55 per cent marks in the selection process.

27. Ashok Pradhan was born on 8th August 1980. He has been working in the personnel Department of an organisation for the past four years after completing his post Graduate Degree in personnel Management with 67 percent. Out of his entire experience, he has been working for the past two years as Deputy Manager- HR. He has secured 62 percent marks in Graduation and 58 percent marks in the selection process.
28. Alok Verma was born on 4th March 1976. He has been working in the personnel Department of an organisation for the past six years after completing his post Graduate Diploma in personnel Management with 66 percent marks. He has secured 57 percent marks in the selection process and 63 percent marks in Graduation.
29. Swapan Ghosh has been working in the personnel Department of an organisation for the past five years after completing his post Graduate Degree in HR with 72 percent marks. He has secured 56 percent marks in Graduation. He was born on 12th May 1977. He has secured 58 percent marks in the selection process.
30. Seema Beht has been working in the personnel Department of an organisation for the past seven years after completing her post Graduate Diploma in Personnel Management with 70 percent marks. She was born on 5th July 1979. She has secured 65 percent marks in Graduation and 50 percent marks in the selection process.

DIRECTIONS (31-35) : Study the following information carefully and answer the given questions given below :

A, B, C, D, E, F, G and H are eight friends travelling in three different cars, viz. X, Y and Z with at least two in one car to three different places, viz. Delhi, Chandigarh and Agra.

There is at least one female member in each car. D is travelling with G to Delhi but not in car Y. A is travelling with only H in car Z but not to Chandigarh. C is not travelling with either D or E. F and D are studying in the same only girls' college. H, B and G are studying in the same only boys' college.

31. Which of the following represents the group of females among them ?
(a) F, C, A (b) F, G, A
(c) D, C, A (d) Data inadequate
(e) None of these
32. Which of the following combinations is correct ?
(a) Delhi – X – C (b) Chandigarh – X – F
(c) Agra – Z – E (d) Delhi – Y – E
(e) None of these
33. In which car are four of them travelling ?
(a) X or Z (b) Y
(c) X or Y (d) Z
(e) None of these
34. In which of the following cars is C travelling ?
(a) X (b) Y
(c) Z (d) Either X or Y
(e) Data inadequate
35. Passengers in which car are travelling to Chandigarh ?
(a) Y (b) X
(c) Either X or Y (d) Data inadequate
(e) None of these

DIRECTIONS (36-40) : In each of the questions below is given a statement, followed by a question. Read the statement carefully and answer the question that follows.

36. Statement : The State Government granted special status to the seminar on the importance of protecting the environment around us organised by the local academic body to create awareness among the citizens.

Which of the following may be a **probable reason** for the Statement Government's decision?

- (a) The Central Government has accorded highest priority to issues related to protection of environment, over all other issues.
- (b) In the past the State Government had granted special status to such seminars.
- (c) The State Government has failed to implement measures for protecting the environment.
- (d) The local academic body made a fervent appeal for the special status.
- (e) None of these

37. Statement : Most car manufacturers have marginally reduced the price of their products despite higher input costs and increased Government duties and have promised to keep the prices at the present level for at least the next couple of months.

Which of the following can be a **best possible reason** for the above step by car manufactures?

- (a) Car manufactures have not been able to meet their sales target for the current year so far.
- (b) The Government is planning to review taxes on the raw materials for manufacturing cars.
- (c) The car sales market is going through a jubilant phase as the volume of sales has picked up considerably in the recent past and profit per car has also gone up.
- (d) Car buyers are still hesitant to make their purchases and may postpone for another few months.
- (e) Oil marketing companies are contemplating reviewing the petrol and diesel prices in order to decide future market prices.

38. Statements : The prices of vegetables and other food articles have decreased in the recent months raising hope among policy planners that the RBI's (Reserve Bank of India) tight grip on supply of liquid money in the market for controlling inflation may be eased.

Which of the following may be a **possible action** of the above situation?

- (a) The Reserve Bank of India may not reduce its key interest rates in near future.
- (b) The Government may step in and make certain concessions to the common people on various issues.
- (c) The Reserve Bank of India may consider lowering certain rates to bring in more liquidity in the market.
- (d) The RBI may wait for at least another year before taking any step.
- (e) The RBI may collect more data from the market and wait for another four months to ensure they take the correct step.

39. Statement : A severe cyclonic storm hit the Eastern coastline last month resulting in huge loss of life and property on the entire east coast and the Government had to disburse a considerable amount for relief activities through the district administration machineries.

Which of the following may possibly be a **follow up measure** to be taken up by the Government?

- (a) The Government may set up a task force to review the post relief scenario in all districts and also to confirm proper end user receipt of the relief supplies.
- (b) The Government may set up a committee for proper disbursement of relief supplies in future.
- (c) The Government may empower the District Magistrates to make all future disbursements of relief.
- (d) The Government may send relief supplies to the affected people in future only after proper assessment of the damage caused by such calamities.
- (e) The Government may not need to activate any follow up measure.

40. Statement : It has been reported in a recent study that intake of moderate quantity of milk chocolate reduces the risk of suffering from central nervous system related illnesses.

Which of the following would **weaken** the findings of the study reported in the above statement?

- (a) People generally prefer to eat chocolate when they are young.
- (b) Majority of those not diagnosed with diseases related to central nervous system have stayed away from eating chocolates in their lives.
- (c) Chocolates contain certain elements which strengthen the functions of the central nervous system.
- (d) Majority of those suffering from central nervous system related diseases are middle aged.
- (e) Many of those who suffer from diabetes also suffer from other major ailments.

DIRECTIONS (41-50) : In each of the questions given below which one of the five answer figures on the right should come after the problem figures on the left. If the sequence were continued?

41. Problem Figures

S	★	⊗	R	O	J	K	R	A	B	△	R	Z	★	T
O		△	K	★	△	O	★	A	O		△			
K	=	◇	=	△	V	H	★	E	P	O	X	C	X	A

Answer Figures

R	O	S	Z	△	T	Z	O	T	D	△	F	D	O	F
C		★	★	X	C	★	★	X	C		★			
X	△	=	O	C	A	X	△	A	O	C	G	X	△	G

(a) (b) (c) (d) (e)

42. Problem Figures

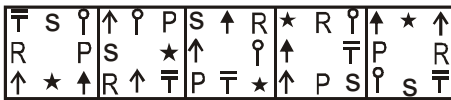
△	O	★	O	S	★	O	S	B	S	●	B	S	●	=
=	C	B	=	△	B	K	★	=	K	O	=	△	B	K
K	S	●	K	●	C	△	●	C	△	C	★	O	C	★

Answer Figures

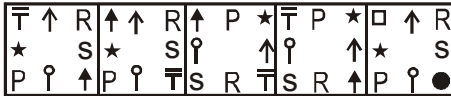
S	●	K	●	C	=	●	C	=	●	C	=	S	C	●
O	=	△	△	K	S	△	S	K	★	S	△	△	B	K
B	C	★	O	B	★	O	★	B	K	B	O	=	O	★

(a) (b) (c) (d) (e)

43. Problem Figures

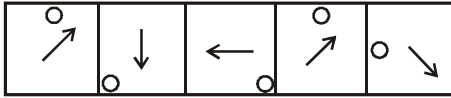


Answer Figures

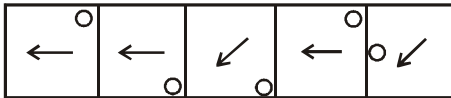


(a) (b) (c) (d) (e)

44. Problem Figures

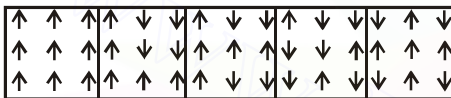


Answer Figures

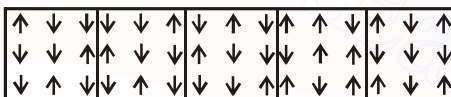


(a) (b) (c) (d) (e)

45. Problem Figures

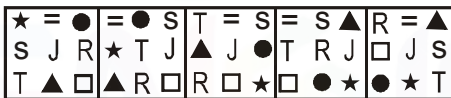


Answer Figures



(a) (b) (c) (d) (e)

46. Problem Figures

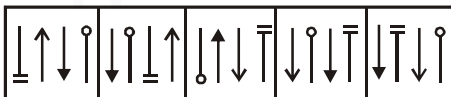


Answer Figures

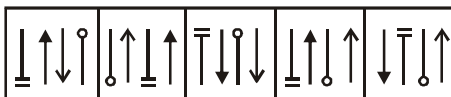


(a) (b) (c) (d) (e)

47. Problem Figures

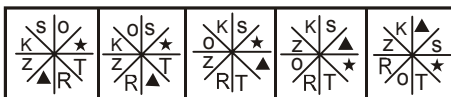


Answer Figures



(a) (b) (c) (d) (e)

48. Problem Figures

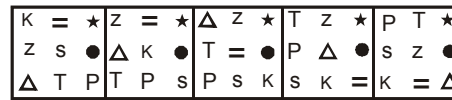


Answer Figures

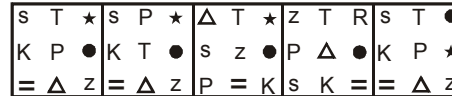


(a) (b) (c) (d) (e)

49. Problem Figures

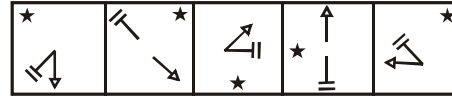


Answer Figures

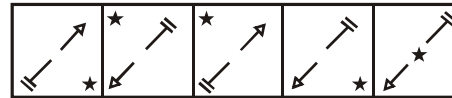


(a) (c) (c) (d) (e)

50. Problem Figures



Answer Figures



(a) (b) (c) (d) (e)

ENGLISH LANGUAGE

DIRECTIONS (51-60) : In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

(51) over the world, rights related to information technology that are already legally recognised are daily being violated. (52) in the name of economic advancement, political stability or for personal greed and interests. Violations of these rights have (53) new problems in human social systems, such as the digital divide, cybercrime, digital security and privacy concerns, all of which have (54) people's lives either directly or indirectly.

It is important that countries come up with the guidelines for action to (55) the incidences of malicious attacks on the confidentiality, integrity and availability of electronic data and systems, computer related crimes, content related offenses and violations of intellectual property rights. (56), threats to critical infrastructure and national interests arising from the use of the internet for criminal and terrorist activities are of growing (57). The harm incurred to businesses, governments and individuals in those countries in which the internet is used (58), is gaining in (59) and importance, while in other countries cybercrime threatens the application of information and communication technology for government services, health care, trade, and banking. As users start losing (60) in online transactions and business, the opportunity costs may become substantial.

51. (a) Entire (b) Lot
(c) Great (d) All
(e) Much
52. (a) scarcely (b) whether
(c) and (d) for
(e) hardly
53. (a) created (b) bent
(c) pressured (d) risen
(e) stopped
54. (a) distanced (b) affected
(c) exaggerated (d) advanced
(e) cropped

55. (a) engage (b) conflict
(c) war (d) combat
(e) struggle
56. (a) But (b) More
(c) Addition (d) Beside
(e) Further
57. (a) concern (b) nature
(c) pattern (d) important
(e) matter
58. (a) really (b) figuratively
(c) widely (d) never
(e) tandem
59. (a) fear (b) days
(c) positively (d) width
(e) Scope
60. (a) tracks (b) measure
(c) confidence (d) mind
(e) grip

DIRECTIONS (61-65) : Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) It is no wonder that a majority of these excluded and low-achievers come from the most deprived sections of society.
- (B) They are precisely those who are supposed to be empowered through education.
- (C) With heightened political consciousness about the plight of these to-be-empowered people, never in the history of India has the demand for inclusive education been as fervent as today.
- (D) They either never enrol or they drop out of schools at different stages during these eight years.
- (E) Of the nearly 200 million children in the age group between 6 and 14 years, more than half do not complete eight years of elementary education.
- (F) Of those who do complete eight years of schooling, the achievement levels of a large percentage, in language and mathematics, is unacceptably low.
61. Which of the following should be the **THIRD** sentence after rearrangement?
(a) A (b) B
(c) C (d) D
(e) F
62. Which of the following should be the best **FIRST** sentence after rearrangement?
(a) A (b) B
(c) C (d) D
(e) E
63. Which of the following should be the **SECOND** sentence after rearrangement?
(a) F (b) E
(c) D (d) C
(e) B
64. Which of the following should be the **FOURTH** sentence after rearrangement?
(a) A (b) B
(c) C (d) D
(e) E
65. Which of the following should be the **FIFTH** sentence after rearrangement?
(a) F (b) E
(c) D (d) B
(e) A

DIRECTIONS (66-70): In each of the following sentences, an idiomatic expression or **proverb** is **highlighted**. Select the alternative which best describes in use in the sentence.

66. **Facts spoke louder than words** at the Company meeting where the Director tried to paint a rosy picture of the Company's financial health.
(a) Too many facts related to the good financial health of the Company were presented during the meeting.
(b) The Company was not doing well financially despite the Director saying otherwise.
(c) The Director was very loud while presenting the facts about the Company's financial health during the meeting.
(d) The facts stated in the meeting supported the Director's claims of good financial health of the Company.
(e) The Company was doing exceptionally well financially, despite the Director saying otherwise.
67. By initiating the fight with Sakshi in office, Kajal had **killed the goose that lay the golden egg**.
(a) By initiating the fight with Sakshi in office, Kajal had left her speechless.
(b) Kajal had ruined her chances of success by picking a fight with Sakshi in office.
(c) Kajal had exacted her revenge by picking a fight with Sakshi in office.
(d) Kajal had hurt Sakshi by picking a fight with her in office.
(e) By initiating the fight with Sakshi in office, Kajal had missed getting the golden egg.
68. **I let the chips fall where they may** and do not worry too much about what I want to do next.
(a) I take calculated risks.
(b) I let others do what they want and do not interfere.
(c) I am clumsy.
(d) I do not try to control my destiny.
(e) I prefer chaos to calm.
69. After trying hard to convince Narendra to change his ways, Raman realised that **a leopard cannot change its spots**.
(a) Raman realised that Narendra would never change his ways.
(b) Raman realised that Narendra was helpless.
(c) Raman realised that he was not good at convincing others.
(d) Raman realised that Narendra would change his ways soon.
(e) Raman realised that someone else was forcing Narendra to act in a certain way.
70. Before starting work on our new project, our mentor told us to **not count our chickens before they hatched**.
(a) Our mentor warned us against being over confident about achieving success.
(b) Our mentor asked us to meticulously count the chicken first and then the eggs.
(c) Our mentor warned us against being over enthusiastic in implementing the project.
(d) Our mentor warned us about all the challenges that lay ahead of us.
(e) Our mentor informed us about the prizes that we would get on succeeding.

DIRECTIONS (71-85) : Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part

is the answer. If there is 'No error', the answer is (5). (Ignore errors of punctuation, if any).

71. The third season of (a)/ the popular television show will ends (b)/ on a grand note with (c)/ celebrities dancing and having fun. (d)/ No error (e)
72. The website, which does not (a)/ accept advertisements and is funded (b)/ entirely by donations, describes itself (c)/ as the fifth most popular website on the planet. (d)/ No error (e)
73. As sharing crime statistics for (a)/ the year 2011, the commissioner admitted that (b)/ there had been an undue delay in (c)/ the setting up of an anti-narcotics cell. (d)/ No error (e)
74. The Moon may be the best place (a)/ to look for aliens as their (b)/ footprints on their surface would (c)/ last far longer than radio signals. (d)/ No error (e)
75. The judge advised the government to (a)/ have metered autorickshaws across the state while (b)/ recounting his personal experience where an autorickshaw driver (c)/ made him to wait and also demanded ₹100. (d)/ No error (e)
76. The Company aims (a)/ to nearly double (b)/ its revenues on the back (c)/ of a strongest product pipeline. (d)/ No error (e)
77. The woman that had (a)/ kidnapped a child has now (b)/ been apprehended and is being (c)/ held in the city's jail. (d)/ No error (e)
78. Rose growers in (a)/ the city are waking up (b)/ to the benefits (c)/ of collective action. (d)/ No error (e)
79. The Minister will have (a)/ a tough task on his hands (b)/ where three different recommendations (c)/ for this year's rate reach his desk. (d)/ No error (e)
80. The current economic scenario (a)/ could possibly undo (b)/ the growth that followed (c)/ the economic liberalisation of 1991. (d)/ No error (e)
81. In a first of its kind study, (a)/ a team of scientists have tried to (b)/ "grow" new stem cells in (c)/ the ear that get damage with age. (d)/ No error (e)
82. If successful, the research could (a)/ pave the way towards (b)/ the prevention in untimely deaths (c)/ due to fatal illnesses. (d)/ No error (e)
83. The Ministry has directed Banks (a)/ to do away with their (b)/ separate promotion policies, a move (c)/ strongly opposed by the officers' unions. (d)/ No error (e)
84. After a complaint was filed, (a)/ police teams was given the photograph (b)/ of the accused from the CCTV footage (c)/ recorded at the hotel. (d)/ No error (e)
85. Activists opposing the rail project said (a)/ that the eleven new flyovers to be built (b)/ would practically ring (c)/ the death knell for the city. (d)/ No error (e)

DIRECTIONS (86-100) : Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in **bold** to help you locate them while answering some of the questions:

In India, innovation is emerging as one of the most important rubrics in the discourse on how to bring about greater and more consistent economic and social development. One observes steadily growing investments in R & D across the country, the setting up of national and state innovation bodies, as well as the introduction of government sponsored innovation funds. There have also been several conferences and debates on innovation and how to best promote and accomplish it in India, and a number

of articles on the subject, written for newspapers and magazines, as well as more informal platforms like online forums and blogs.

Academic engagement and Indian authorship on the subject have also exploded in the last five years. Despite widespread agreement on the importance of innovation in India, there are wide gulfs between different conceptions of innovation and the path India should take towards securing benefits through investments in innovation.

Many Indian conversations around innovation begin by talking about *jugaad*, that uniquely Indian approach to a temporary fix when something complex, like an automobile or a steam engine stops working. However, many observers have pointed out that while *jugaad* is certainly innovative, it is a response to the **lack** of an innovation culture—more a survival or coping mechanism at a time of need than a systematic methodology to effectively address a wide-ranging, complex set of problems.

Another specifically Indian approach to innovation that has entered into wide **currency** of late is so-called 'frugal innovation' deemed by many to be the most appropriate for the Indian context. In its midterm assessment of the 11th five-year plan, the planning commission stressed the need for innovation in India in order to 'accelerate its growth and to make growth more inclusive as well as environmentally sustainable.' The document went on to say that 'India needs more frugal innovation that produces more frugal cost products and services that are affordable by people at low levels of incomes without **compromising** the safety, efficiency, and utility of the products. The country also needs processes of innovation that are frugal in the resources required to produce the innovations. The products and processes must also have **frugal impact on the earth's resources**.'

Two people formulated a similar theory called the More-from Less for More (MLM theory of innovation) theory of innovation, which advocates a focus on innovations that allow for more production using fewer resources but benefit more people. Under this rubric come products that are more affordable versions of existing technologies. While both frugal innovation and the MLM theory are certainly valuable in terms of bringing affordable products and services to a greater number of people, and may even be considered a necessary first step on India's innovation path, they barely graze the surface of what innovation can accomplish. That is, innovation is capable of bringing about complete paradigm shifts and redefining the way we perceive and interact with the world.

Take the cell phone, for example : it revolutionized communication in a previously **inconceivable** way, provided consumers with a product of unprecedented value and created an entirely new market. The cell phone was a result of years of directed, international innovation efforts and large investments, and would not have ever been created if the people responsible simply set out to make the existing telephone cheaper and more accessible to all.

While *jugaad* and frugal innovation may be **indicative** of the Indian potential for innovativeness, this potential is not utilised or given opportunity to flourish due to the lack of an enabling culture.

India's many diverse and complex needs can be met only through systematic innovation, and major shifts have to first take place in our educational institutions, government policies and commercial firms in order for such an innovation enabling culture to come about.

The one thing that India's innovation theorists have not said is that the absence of a culture of innovation is **intrinsic**

linked to many of the most intractable problems facing India as a nation. These include poor delivery of government services, inadequate systems of personal identification and the absence of widely available financial services for rural poor, health and sanitation failures. This list can go on. Cumulatively, the inability of India as a nation, society and economy to adequately provide for its own population no longer reflects a failure of implementation, but rather of a failure of innovation, for there are not immediately-available off the shelf solutions that would make it possible for these grand challenges facing India to be **redressed**. Rather, we need to look at these intractable problems from the more sophisticated and empowering lens of innovation, for them to being to be solved.

86. Which of the following depict/s the growing importance of innovation in India ?
 (A) Increased investment in research.
 (B) Initiation of Government backed funds for innovation.
 (C) Increase in number of conferences arranged and articles written on innovation.
 (a) Only (B) (b) Only (A) and (B)
 (c) Only (C) (d) Only (B) and (C)
 (e) All (A), (B) and (C)
87. Which of the following best describes the MLM theory of innovation ?
 (a) Maximise output by using least number of resources and benefiting a small number of people.
 (b) Maximise resource utilisation and cost there by benefit maximum number of people.
 (c) Minimise output and resource utilisation. Yet benefit the maximum number of people.
 (d) Benefit most number of people through least usage of resources and maximum output.
 (e) Benefit most number of people through maximum usage of resources and minimising cost.
88. Which of the following is possibly the most appropriate title for the passage ?
 (a) Innovation At Its Best
 (b) India And The Elixir Called Innovation
 (c) Innovation Around The World vis-a-vis India And Neighbouring Countries
 (d) Worldwide Developments In Innovation
 (e) Innovation The History
89. What tone is the author employing in the entire passage to get his message across ?
 (a) Pessimistic (b) Sarcastic
 (c) Urgent (d) Informative
 (e) Dubious
90. Why, according to the author, is India unable to adequately provide for its people ?
 (a) Failure to implement schemes and initiatives meant for the Indian populace
 (b) Absence of regulatory authorities to oversee the implementation process.
 (c) Failure to innovate in order to find solutions.
 (d) Lack of governmental schemes and initiatives to redress the challenges faced by India.
 (e) Hesitance of the Indian people in trying out different schemes provided by the Government for upliftment.
91. Why, according to some people, is 'Jugaad' not the answer to India's problems ?
 (a) Many a times this methodology backfires leading to further complications.
 (b) 'Jugaad' provides only cheap solutions to all problems.

- (c) It is reactive and not a proactive and organised method of finding solutions to problems
 (d) It can provide solutions to only simple problems and not complex ones.
 (e) None of these

92. Which of the following is/are true about the cell phone ?
 (A) The innovation of the cell phone required investment of huge capital.
 (B) The cell phone, when invented was meant to be affordable to all.
 (C) The cell phone was made available to the public in a very short time from its ideation.
 (a) Only (A) (b) Only (A) and (B)
 (c) Only (B) and (C) (d) Only (B)
 (e) All (A), (B) and (C)
93. What does the Author mean by '**frugal impact on the earth's resources**' as given passage ?
 (a) The damage to the environment should be assessable.
 (b) More consumption of natural resources as compared to manmade ones.
 (c) Minimum impact on the environment in terms of pollution.
 (d) The impact on the environment should be such that it is reversible.
 (e) Minimum usage of earth's natural resources.

DIRECTIONS (94–98): Choose the word /group of words which is **most similar** the meaning to the word/group of the words printed in bold as used in the passage.

94. **REDRESSED**

- (a) addressed (b) equalised
 (c) restored (d) redone
 (e) rearranged

95. **CURRENCY**

- (a) notes (b) usage
 (c) money (d) cash
 (e) value

96. **INTRINSICALLY**

- (a) internally (b) whole heartedly
 (c) fundamentally (d) virtually
 (e) unavoidably

97. **INDICATIVE**

- (a) causative (b) forthcoming
 (c) verbal (d) abstract
 (e) suggestive

98. **COMPROMISING**

- (a) co-operating with
 (b) reducing the quality
 (c) hampering the progress
 (d) conciliating in order to
 (e) adjusting for the better

DIRECTIONS (99–100): Choose the word /group of words which is **most opposite** in meaning to the word/group of the words printed in bold as used in the passage.

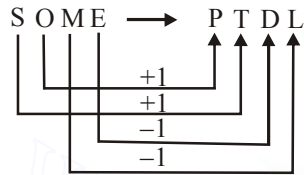
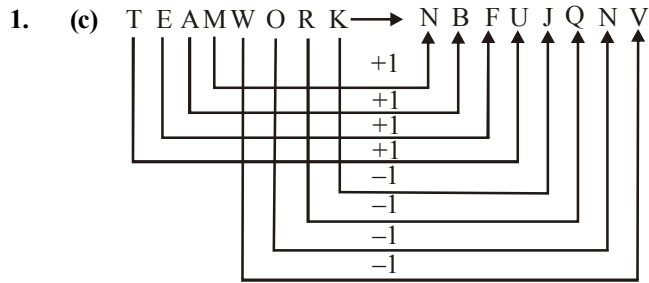
99. **LACK**

- (a) presence (b) sufficient
 (c) charisma (d) adequacy
 (e) dearth

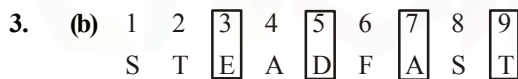
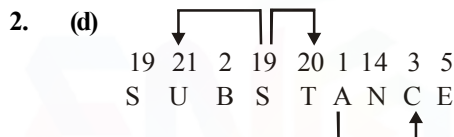
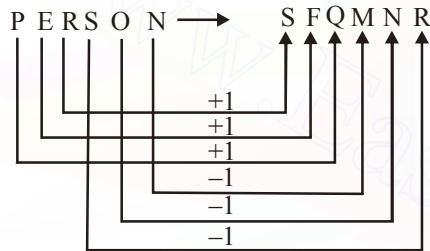
100. **INCONCEIVABLE**

- (a) visible (b) truthful
 (c) incredible (d) apparent
 (e) complex

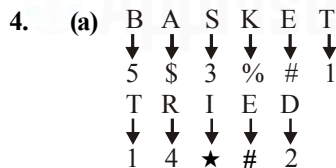
HINTS & SOLUTIONS



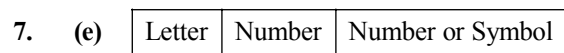
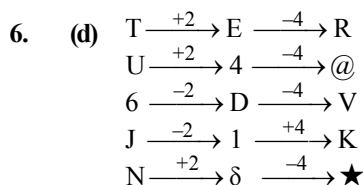
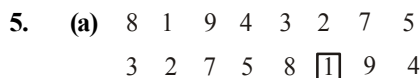
Similarly,



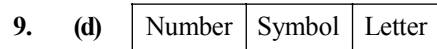
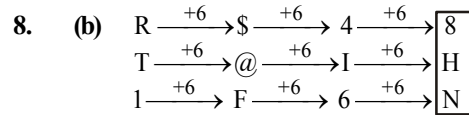
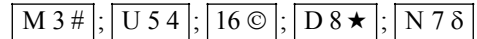
Meaningful Word ⇒ DATE



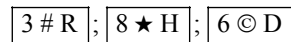
Therefore,



Such combinations are :



Such combinations are :



10. (e) 7th to the left of 20th from the left end means 13th from the left end, i.e., F.

11. (e) From both the statements

P, W > T > M > R

So data from both the statements are necessary to answer the question.

12. (d) From both the statements

you will be gone → ka pa ni sa

he will be there → ja da ka ni

Data from the both statements are not sufficient to answer the code for 'Gone'.

13. (d) From statement I

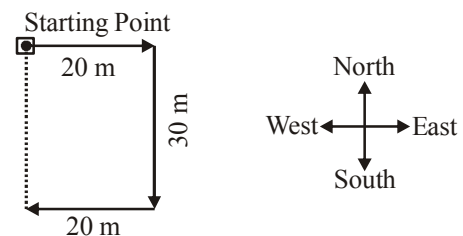
It is not given, the brother of Sushant visited Chennai on which day.

From statement II

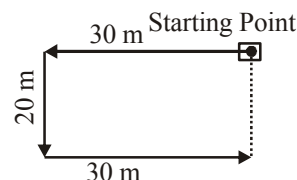
Sushant visited Chennai on Monday, Tuesday, Thursday, Saturday or Sunday.

Data from the both statements are not sufficient to answer the code for 'Gone'.

14. (c) From statement I



From statement II



So data from either of the statement is sufficient to answer the question.

15. (e) From statement I

$$Z \leftrightarrow P \leftrightarrow D$$

$$(-) \quad (-)$$

From statement II

$$\begin{matrix} ? \\ (-) \end{matrix} \longleftrightarrow \begin{matrix} ? \\ (+) \end{matrix}$$

$$\downarrow$$

$$D \leftrightarrow K$$

From both the statements

$$\begin{matrix} & & ?(-) & & ?(+) \\ & & \downarrow & & \downarrow \\ Z \leftrightarrow P \leftrightarrow D \leftrightarrow K \\ (-) \quad (-) \quad (+) \quad (+) \end{matrix}$$

So Data from both the statements are required to establish relationship between K and J.

$\$ \Rightarrow \geq$	$\odot \Rightarrow <$	$\# \Rightarrow >$
$\% \Rightarrow \leq$	$@ \Rightarrow =$	

16. (d) $R \# J \Rightarrow R > J$
 $J \$ D \Rightarrow J \geq D$
 $D @ K \Rightarrow D = K$
 $K \% T \Rightarrow K \leq T$
 Therefore, $R > J \geq D = K \leq T$

Conclusions:

- I. $T \# D \Rightarrow T > D$: Not True
 II. $T @ D \Rightarrow T = D$: Not True
 Either I or II is true
 III. $R \# K \Rightarrow R > K$: True
 IV. $J \$ J \Rightarrow J \geq T$: Not True

17. (a) $T \% R \Rightarrow T \leq R$
 $R \$ M \Rightarrow R \geq M$
 $M @ D \Rightarrow M = D$
 $D \odot H \Rightarrow D < H$
 Therefore, $T \leq R \geq M = D < H$

Conclusions:

- I. $D \% R \Rightarrow D \leq R$: True
 II. $H \# R \Rightarrow H > R$: Not True
 III. $T \odot M \Rightarrow T < M$: Not True
 IV. $T \% D \Rightarrow T \leq D$: Not True

18. (c) $M @ B \Rightarrow M = B$
 $B \# N \Rightarrow B > N$
 $N \$ R \Rightarrow N \geq R$
 $R \odot K \Rightarrow R < K$
 Therefore $M = B > N \geq R < K$

Conclusions:

- I. $K \# B \Rightarrow K > B$: Not True
 II. $R \odot B \Rightarrow R < B$: True
 III. $M \$ R \Rightarrow M \geq R$: Not True
 IV. $N \odot M \Rightarrow N < M$: True

19. (b) $F \# H \Rightarrow F > H$
 $H @ M \Rightarrow H = M$
 $M \odot E \Rightarrow M < E$
 $E \$ J \Rightarrow E \geq J$
 Therefore, $F > H = M < E \geq J$

Conclusions:

- I. $J \odot M \Rightarrow J < M$: Not True
 II. $E \# H \Rightarrow E > H$: True
 III. $M \odot F \Rightarrow M < F$: True
 IV. $F \# E \Rightarrow F > E$: Not True

20. (e) $D \% A \Rightarrow D \leq A$

$$A @ B \Rightarrow A = B$$

$$B \odot K \Rightarrow B < K$$

$$K \% M \Rightarrow K \leq M$$

Therefore, $D \leq A = B < K \leq M$

Conclusions:

- I. $B \$ D \Rightarrow B \geq D$: True
 II. $K \# A \Rightarrow K > A$: True
 III. $M \# B \Rightarrow M > B$: True
 IV. $A \odot M \Rightarrow A < M$: True

(21-25) : If we examine the given input and pattern of rearrangement we would find that in the first step one number is rearranged and in the next step one word is rearranged. This pattern is followed alternately till all the numbers get arranged in ascending order and the words get arranged in reverse alphabetical order.

21. (b) Input : 86 open shut door 31 49 always 45
 Step I : 31 86 open shut door 49 always 45
 Step II : 31 shut 86 open door 49 always 45
 Step III : 31 shut 45 86 open door 49 always
 Step IV : 31 shut 45 open 86 door 49 always
 Step V : 31 shut 45 open 49 86 door always
 Step VI : 31 shut 45 open 49 door 86 always
 So 6 steps are required to complete the rearrangement
22. (d) It is not possible to determine the input from any given step.
23. (b) Step II: 18 win 71 34 now if victory 61
 Step III: 18 win 34 71 now if victory 61
 Step IV : 18 win 34 victory 71 now if 61
 Step V : 18 win 34 victory 61 now 71 if
 Step VI : 18 win 34 victory 61 now 71 if
24. (e) Input : where 47 59 12 are they going 39
 Step I : 12 where 47 59 are they going 39
 Step II: 12 where 39 47 59 are they going
 Step III: 12 where 39 they 47 59 are going
 Step IV : 12 where 39 they 47 going 59 are
25. (c) Step II: 33 store 81 75 full of goods 52
 Step III: 33 store 52 81 75 full of goods
 Step IV: 33 store 52 of 81 75 full of goods
 Step V: 33 store 52 of 81 75 full of goods
 Step VI : 33 store 52 of 75 goods 81 full

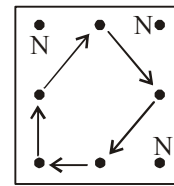
(26 - 30) :

Candidate	Conditions						Ans.
	(i)	(ii) or (a)	(iii)	(iv) or (b)	(v)		
Rita	✓	✓	—	✓	✓	—	5
Ashok	✓	✓	—	✓	—	✓	3
Alok	✗	✓	—	✓	✓	—	1
Swapan	✓	—	✓	✓	✓	—	4
Seema	✓	✓	—	✓	✓	—	5

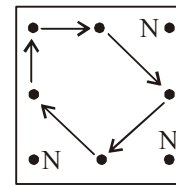
26. (e) Rita Bhatt satisfies all the conditions. Therefore, she would be selected.
27. (c) Ashok Pradhan satisfies conditions (i), (ii), (iii), (b) and (v). Therefore, his case would be referred to President – HR.
28. (a) Alok Verma does not satisfy condition (i).
29. (d) Swapan Ghosh satisfies conditions (i), (a), (iii), (iv) and (v). Therefore, his case would be referred to GM–HR.
30. (e) Seema Behal satisfies conditions (i), (ii), (iii), (iv) and (v). Therefore, she would be selected.
- (31 - 35):

Friend	Sex	Car	Destination
A	Female	Z	Agra
B	Male	Y	Chandigarh
C	M/F	Y	Chandigarh
D	Female	X	Delhi
E	M/F	X	Delhi
F	Female	X/Y	Delhi or Chandigarh
G	Male	X	Delhi
H	Male	Z	Agra

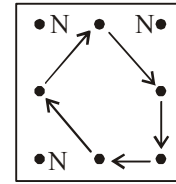
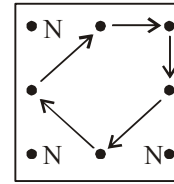
31. (d) The sex of C and E is not known
32. (e) None of the combinations is true.
33. (e) Four of them may be travelling in Car X.
34. (b) C is travelling in Car Y.
35. (a) The passengers of Car Y are travelling to Chandigarh.
36. (a) Option (1) may be a probable reason for the State Government's decision because control government is giving top priority to environment related issues.
37. (a) Option (1) may be a best possible reason because it is necessary to meet sales target.
38. (c) Option (3) may be only possible action because other options are not feasible for RBI and reduction in certain rates would control inflation in market.
39. (b) Option (2) is the only follow up measure because committee can only assess considerable amount for relief activities.
40. (e) Option (5) would weaken the findings of the study because the person suffering from diabetes cannot intake milk chocolate and cannot avail its benefits.
41. (e) The following changes occur in the subsequent figures:
(1) to (2)
(2) to (3)
(5) to (6)



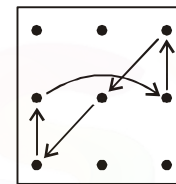
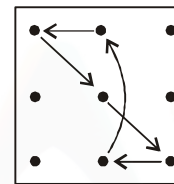
(3) to (4)



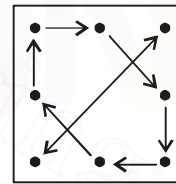
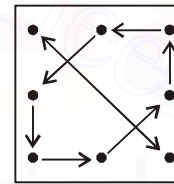
(4) to (5)



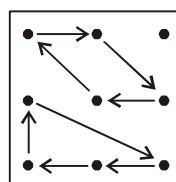
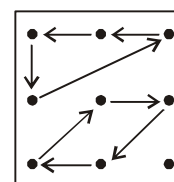
42. (c) The following changes occur in the subsequent figures:
(1) to (2) (2) to (3)
(3) to (4) (4) to (5)
(5) to (6)



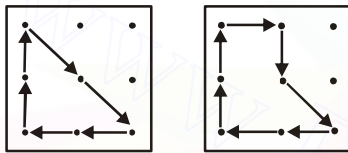
43. (a) The following changes occur in the subsequent figures:
(1) to (2) (2) to (3)
(3) to (4) (4) to (5)
(5) to (6)



44. (c) In each figure the symbol (0) is moving in anticlockwise direction through one and a half and one step alternately while arrow is rotating in clockwise direction at an angle of 135° and 90° alternately.
45. (c) In each figure 4 arrows are reversing their direction in a particular order.
46. (e) The following changes occur in the subsequent figures:
(1) to (2) (2) to (3)
(3) to (4) (4) to (5)
(5) to (6)



47. (d) From Problem Figure (1) to (2) the two designs from the left move to the right and the two designs from the right move to the left. From Problem Figure (2) to (3) all the four designs are inverted and the two designs from the right and left interchange positions. From Problem Figure (3) to (4) the two designs from the left are inverted and the third design from the left moves to the extreme left position. These three steps are continued in the subsequent figures in the same order.
48. (a) In each subsequent figure two pairs of designs does not change their positions while other designs interchange positions with their adjacent designs.
49. (a) The following changes occur in the subsequent figures:
 (1) to (2) (2) to (3)
 (3) to (4) (4) to (5)
 (5) to (6)



50. (d) In the subsequent figures the (★) moves one and one and a half step(s) in clockwise direction alternately, the design (T) rotates through 90° and 135° clockwise alternately while the design (Δ) rotates 45° and 90° anti-clockwise alternately.
51. (d) 52. (b) 53. (a) 54. (b) 55. (d) 56. (e)
 57. (a) 58. (c) 59. (e) 60. (c) 61. (e) 62. (e)
 63. (c) 64. (a) 65. (d)
66. (b) Facts spoke louder than the words means that what is suggested by evidence is more credible than what is spoken.
67. (b) Killing the goose that lay golden eggs means destroying something that will give benefits or profitable returns.
68. (d) Let the chips fall where they may means to do whatever one wants to without worrying too much about the consequence(s).

69. (a) A leopard cannot change its spots means one cannot change one's basic nature.
70. (a) To not count chicken before they hatch means to not plan or expect the outcome or be overconfident about it before it happens.
71. (b) The popular television show will end.
72. (e) No error.
73. (a) While sharing the crime statistics.
74. (a) Footprints on it surface.
75. (b) To meter the autorickshaws.
76. (c) Its revenues on the basis of.
77. (c) Been apprehended and is.
78. (e) No error.
79. (b) Tough task at his hands.
80. (e) No error.
81. (d) The ear that get damaged with age.
82. (c) Prevention of untimely deaths
83. (e) No error.
84. (b) Police teams were given.
85. (e) No error.
86. (e) It can be deciphered from the first paragraph.
87. (d) It is mentioned in the fourth paragraph.
88. (b) This is the most appropriate title for the passage as it describes the growing importance of innovation India has realized and is taking all possible steps for it. This passage also discusses various dimensions of implementing innovation with respect to India.
89. (c) The tone of the passage is critical. It calls for corrective action in urgency.
90. (c) It is mentioned in the last paragraph.
91. (c) It is mentioned in the second paragraph.
92. (a) It is mentioned in the fifth paragraph.
93. (c) Frugal means very less.
94. (a) 95. (b) 96. (c) 97. (e)
 98. (b) 99. (d)
100. (d) Inconceivable means incredible, difficult to believe. Apparent is opposite.

INDIAN OVERSEAS BANK PO ONLINE EXAM 2013

Based on Memory

REASONING ABILITY

DIRECTIONS (Qs. 1–3) : Study the following information carefully to answer the given questions :

There are six people – P, Q, R, S, T and U – each having different weight. P is heavier than U but lighter than Q. T is heavier than R but lighter than P. Q is lighter than S. R is not the lightest. The second lightest person weight 52 kilogram while the third heaviest is of 64 kilogram.

1. Who among the following may be of 58 kilogram in weight?
(a) P (b) Q
(c) T (d) R
(e) U
2. How many persons are heavier than R?
(a) None (b) One
(c) Two (d) Three
(e) More than three
3. Which of the following may represent the weight of Q?
(a) 62 kg (b) 66 kg
(c) 60 kg (d) 58 kg
(e) 56 kg

DIRECTIONS (Qs. 4-8) : Study the following information carefully answer the given questions :

Twelve persons are sitting in two parallel rows containing six persons each, in such a way that there is an equal distance between adjacent persons. In row–1, A, B, C, D, E and F are seated (but not necessarily in the same order) and all of them are facing south. In row– 2, P, Q, R, S, T and V are seated (but not necessarily in the same order) and all of them are facing north. Therefore, in the given seating arrangement each person seated in a row faces another person of the other row.

A sits third to the left of E. The person facing A sits second to the left of T. Two persons are sitting between T and P. C and D are immediate neighbours. C and D do not sit at any of the extreme ends of the line. Only one person sits between B and C. The person facing D is an immediate neighbour of Q. V is not an immediate neighbour of P. S does not face A.

4. Who amongst the following sits seconds to the right of the person who faces R ?
(a) C (b) D
(c) B (d) E
(e) Cannot be determined
5. Which of the following statements regarding B is true ?
(a) B sits second to the left of C
(b) A sits to immediate left of B
(c) T faces B
(d) D is an immediate neighbour of B
(e) The person who faces B is an immediate neighbour of S

6. Who amongst the following faces P ?
(a) A (b) D
(c) C (d) E
(e) Cannot be determined
7. Who amongst the following sits exactly between T and R ?
(a) V (b) Q
(c) S (d) P
(e) Cannot be determined
8. Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that **does not** belong to the group ?
(a) F (b) Q
(c) T (d) C
(e) E

DIRECTIONS (Qs. 9–13) : Study the following information carefully and answer the given questions :

In a certain code language :

“only in serial order” is written as “ve pu na to”.

“order in the state” is written as “li ve su pu”.

“the logical idea only” is written as “su na ri jo”.

“in idea or theory” is written as “zt jo bk pu”.

9. Which of the following is code of ‘theory’ ?
(a) zt (b) bk
(c) jo (d) pu
(e) Either ‘zt’ or ‘bk’
10. The code ‘li ri to ve’ may represent
(a) serial order theory only
(b) only idea state order
(c) state logical serial order
(d) serial theory state the
(e) only the idea logical
11. Which of the following represent “logical idea is only order” ?
(a) jo na ri ge ve (b) ve na ri jo pu
(c) ri ve na zt bk (d) bk to pu jo ve
(e) na ve su li pu
12. Which of the following is code of “logical” ?
(a) su (b) jo
(c) na (d) ri
(e) None of these
13. Which of the following is code of “serial” ?
(a) pu (b) to
(c) ve (d) su
(e) Cannot be determined

DIRECTIONS (Qs. 14–18) : In each question below is given a statement followed by two courses of action numbered I and II. A course of action is a practicable and feasible step or administrative decision to be taken for follow-up, improvement, or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true, and decide which of the suggested courses of action logically follow (s) for pursuing.

Give answer (a) if only I follows.

Give answer (b) if only II follows.

Give answer (c) if either I or II follows.

Give answer (d) if neither I nor II follows.

Give answer (e) if both I and II follow.

- 14. Statement:** The sales of ballpoint pens manufactured by company Lixus have gone down considerably ever since the same company introduced a gel-ink pen in the market.

Courses of action

- I. Ball point pens should not be manufactured by Lixus any more.
- II. Lixus should immediately withdraw all gel-ink pens from the market so as to force people to buy ballpoint pens.

- 15. Statement:** Nearly 26 per cent of all engineering graduates have been left unemployed owing to severe recession worldwide.

Courses of action

- I. All the unemployed students should be advised to take up jobs in foreign countries.
- II. The unemployed students should be advised to take up jobs only after the recession is over.

- 16. Statement :** The government airline has been making huge losses even as private airliners continue to prosper and make substantial profit.

Courses of action

- I. All the private airlines should be banned from their operation in the country.
- II. The government airline should be instructed to increase passenger fare significantly in order to increase its profit.

- 17. Statement :** Many private schools have been violating government directives and have been charging more fees than the specified limits.

Courses of action

- I. The government should identify such schools and take stringent actions against them.
- II. The government should not limit school fees and keep it flexible for the schools to decide.

- 18. Statement :** A large number of patients admitted in a particular hospital have been diagnosed with a serious contagious disease.

Courses of action

- I. These patients should be immediately evicted from the hospital for fear of spread of the disease.
- II. The hospital should make appropriate quarantine arrangements to control the spread of disease.

DIRECTIONS (Qs. 19–20) : Study the following information carefully to answer the given questions :

'P + Q' means 'P is the sister of Q'.

'P @ Q' means 'P is the wife of Q'.

'P \$ Q' means 'P is the son of Q'.

'P % Q' means 'P is the mother of Q'.

- 19.** What is the relation between 'J and A' in the expression 'A @ F \$ M % J + T' ?

- (a) J is the mother-in-law of A
- (b) A is the aunt of J
- (c) J is the sister-in-law of A
- (d) A is the husband of J
- (e) None of these

- 20.** What will come in the place of question-mark, if it is provided that 'J is the daughter-in-law of T' in the expression 'J % B ? K \$ T' ?

- | | |
|------------|--------|
| (a) @ | (b) % |
| (c) + | (d) \$ |
| (e) % or + | |

DIRECTIONS (Qs. 21–25) : In these questions relationship between different elements is shown in the statements. The statements are followed by two conclusions.

Give answer (1) if only Conclusion I is true.

Give answer (2) if only Conclusion II is true.

Give answer (3) if either Conclusion I or II is true.

Give answer (4) if neither Conclusion I nor II is true.

Give answer (5) if both Conclusions I and II are true.

(21–22) :

Statements : $R \geq T < M = Z$; $C > T \geq B$

21. Conclusions:

- | | |
|------------|-------------|
| I. $Z > C$ | II. $B < Z$ |
|------------|-------------|

22. Conclusions:

- | | |
|------------|----------------|
| I. $B < C$ | II. $R \geq C$ |
|------------|----------------|

(23–24) :

Statements : $P \geq Q > T$; $Q < R$; $T \geq A$

23. Conclusions :

- | | |
|------------|----------------|
| I. $A < Q$ | II. $A \leq P$ |
|------------|----------------|

24. Conclusions :

- | | |
|------------|-------------|
| I. $T < P$ | II. $R > A$ |
|------------|-------------|

25. Statements :

$P > T = U \leq W$; $Q \geq R \geq W$

Conclusions

- | | |
|------------|-------------|
| I. $T = R$ | II. $U < R$ |
|------------|-------------|

DIRECTIONS (Qs. 26–30) : In each question below are two or three statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Give answer (a) if only conclusion I follows.

Give answer (b) if only conclusion II follows.

Give answer (c) if either conclusion I or conclusion II follows.

Give answer (d) if neither conclusion I nor conclusion II follows.

Give answer (e) if both conclusion I and conclusion II follow.

(26–27) :

Statements : No cow is a bull.

All bulls are animals.

Some animals are mammals.

26. Conclusions :

- I. At least some mammals are animals.
- II. Some mammals being bulls is a possibility.

27. Conclusions :

- I. At least some animals are bulls.
- II. No animal is a cow.

28. Statements :

Some pencils are pens.

No pen is eraser.

All sharpeners are erasers.

Conclusions :

- I. No eraser is a pencil.
- II. All pencils can never be sharpeners.

(29-30) :

Statements : Some stars are planets.
Some planets are moons.
No moon is a sun.

29. Conclusions :

- I. No star is a sun.
II. All planets being suns is a possibility.

30. Conclusions :

- I. All suns being stars is a possibility.
II. Some stars are planets.

DIRECTIONS (Qs. 31–35) : Study the following information carefully to answer the given questions :

Eight persons – A, B, C, D, E, F, G and H – are sitting around a circular table facing towards the centre, but not necessarily in the same order. All of them like different colours viz. yellow, purple, orange, black, white, green, red and blue. B is sitting second to the left of D. D likes blue colour. B does not like yellow colour. D is the immediate neighbour of that two persons who like red and purple colours respectively. Three persons sit between B and the person who likes green colour. F and A are immediate neighbours. E does not like black, yellow or purple colour. H is an immediate neighbour of G. A is immediate neighbour of both who like red and black colours respectively. E is sitting just opposite to H who likes orange colour.

- 31.** How many persons are seated between H and D, if we go clockwise from H to D ?
(a) Two (b) Three
(c) Four (d) One
(e) None
- 32.** Which of the following pairs of persons represents the immediate neighbours of G ?
(a) H and the person who likes black colour
(b) F and the person who likes green colour
(c) B and H
(d) The person who likes orange colour and C
(e) None of these
- 33.** What is E's position with respect to the person who likes orange colour ?
(a) Third to the left (b) Fifth to the left
(c) Fifth to the right (d) Fourth to the right
(e) Second to the right
- 34.** Starting from A, if all the persons are made to sit in the alphabetical order in clockwise direction, the positions of how many persons (excluding A will remain unchanged) ?
(a) None (b) One
(c) Two (d) Three
(e) More than three
- 35.** Who amongst the following is sitting exactly between the person who likes red colour and F ?
(a) G (b) H
(c) B (d) D
(e) A

DIRECTIONS (Qs. 36–40) : Study the following information carefully and answer the questions given below:

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and various steps of rearrangement. (All the numbers are two digit numbers).

Input : more presence required 12 42 70 for 63 37 good work 28
Step I : for 70 more presence required 12 42 63 37 good work 28
Step II : good 63 for 70 more presence required 12 42 37 work 28
Step III : more 42 good 63 for 70 presence required 12 37 work 28
Step IV : presence 37 more 42 good 12 work 28
Step V : required 28 presence 37 more 42 good 63 for 70 12 work
Step VI : work 12 required 28 presence 37 more 42 good 63 for 70
And Step VI is the last step of the rearrangement as the desired arrangement is obtained. As per rules followed in the above steps, find out in each of the questions the appropriate step for the given input.

Input for the questions:

Money 48 24 18 wanted for investment 65 90 lock credit 32

- 36.** Which step number is the following output ?
lock 32 investment 48 for 65 credit 90 money 24 18 wanted
(a) Step II (b) Step III
(c) Step IV (d) Step V
(e) There is no such step
- 37.** Which word/number would be fourth from the left in step IV ?
(a) for (b) 48
(c) 65 (d) 32
(e) credit
- 38.** Which word/number would be second to the right of the fifth element from the left in step V ?
(a) for (b) 65
(c) 48 (d) investment
(e) 32
- 39.** How many elements (words/ numbers) are there between “for” and “18” in step III ?
(a) Four (b) Three
(c) Six (d) Seven
(e) Five
- 40.** Which of the following represents the position of “credit” in step V ?
(a) Third from the right (b) Fifth from the left
(c) Sixth from the left (d) Fourth from the right
(e) Sixth from the right

ENGLISH LANGUAGE

DIRECTIONS (Qs. 41–50) : Read the following interview and answer the given questions based on. Some words have been printed in **bold** to help you locate them while answering some of the questions.

A pioneering new book, **Gender and Green Governance**, explores a central question: If women had adequate representation in forestry institutions, would it make a difference to them, their communities, and forests as a national resource? Interview with the author.

Why has access to forests been such a conflict-ridden issue?

This is not surprising. Forests constitute not just community and national wealth, but global wealth. But for millions, forests are also critical for livelihoods and their daily lives.

Your first book, Cold Hearts and Barren Slopes (1986), was about forests. Is there an evolution of argument here?

Yes indeed : In Cold Hearts and Barren Slopes, I had argued that social forestry, with its top-down implementation and focus on commercial species, was neither 'social' nor 'forestry', and would protect neither forests nor village livelihoods. The answer, I argued, lay in allowing forests communities to manage local forests. Finally, in 1990, India launched the joint forest management programme and Nepal also started community forestry. So I decided to see for myself how community forestry was actually doing.

Between 1995 and 1999, I travelled extensively across India and Nepal and found **paradox** : Forests were indeed becoming greener but women's problem of firewood shortages persisted and in many cases had become more **acute**. Also, despite their high stakes in forests, women continued to be largely excluded from forest management. I coined the term "participatory exclusions" to describe this. However, the current book is less about women's exclusion. I ask : What if women were present in forest governance ? What difference would that make ?

But has this question not been raised before ?

Economists researching environmental collective action have paid little attention to gender. Scholars from other disciplines focussing on gender and governance have been concerned mainly with women's near absence from governance institutions. The presumption is that once women are present all good things will follow. But can we assume this ? No. Rural women's relationship with forests is complex.

On the one hand, their everyday dependence on forests for fire-wood, fodder, etc, creates a strong stake in conservation. On the other, the same dependence can compel them to extract heavily from forests. As one landless woman told me : 'Of course, it hurts me to cut a **green** branch but what do I do if my children are hungry? Taking an agnostic position, I decided to test varied propositions, **controlling** for other factors.

What did you find ?

First, women's greater presence enhances their effective voice in decision-making. And there is a critical mass effect : If forests management groups have 25–33 per cent female members in their executive committees it significantly increases the likelihood of women attending meetings, speaking up and holding office. However, the inclusion of landless women makes a particular difference. When present in sufficient numbers they are more likely to attend meetings and voice their concerns than landed women. So what matters is not just including more women, but more poor women.

Second, and unexpectedly, groups with more women typically make stricter forest use rules. Why is this the case ? Mainly because they receive poorer forests from the forest department. To regenerate these they have to sacrifice their immediate needs. Women from households with some land have some fallback. But remarkably even in groups with more landless women, although extraction is higher, they still balance self-interest with conservation goals, when placed in decision-making positions.

Third, groups with more women outperform other groups in improving forest conditions, despite getting poorer forests. Involving women substantially improves protection and conflict resolution, helps the use of their knowledge of local biodiversity, and raises children's awareness about conservation.

41. What was author's view on 'Social Forestry Scheme' ?
 - (a) A great success
 - (b) Beneficial for villagers
 - (c) Neither good nor bad
 - (d) Should have been implemented as 'top-down'
 - (e) None of these
42. Which of the following is one of the reasons of forests being a conflict-ridden issue ?
 - (a) Some countries have larger forest cover
 - (b) There is less awareness about global warming
 - (c) High dependence of many on forests
 - (d) Less representation of women
 - (e) Less representation of local women
43. The author is advocating inclusion of
 - (a) More landless women
 - (b) More landed women
 - (c) More women irrespective of their financial status
 - (d) Local people
 - (e) Younger women in the age group of 25-33 years
44. Which of the following best describes "participatory exclusion", as used in the interview ?
 - (a) Outside support
 - (b) Overdependence
 - (c) Benefitting without self interest
 - (d) Contributing with profits
 - (e) None of these
45. In the second question, the interviewer asked - 'Is there an evolution of argument here ?' Which of the following best describes that ?
 - (a) From Barren to Greener slopes
 - (b) From local groups to local groups with more women
 - (c) A fine balance between conservation and commercial forestry
 - (d) Top-down approach to Community forestry
 - (e) Participatory exclusion to Greener slopes
46. Why does author say, 'Rural women's relationship with forests is complex' ?
 - (a) Dependence forces them to extract and also have concern for conservation
 - (b) If they protect forests, their livelihood is severely affected
 - (c) Poor women have been excluded from forest management
 - (d) They cannot be asked to restore forests which are critical for them
 - (e) Greener forests do not meet the requirement of firewood
47. Landless women, when in decision making role
 - (a) extract much more from forest
 - (b) improve their own financial status
 - (c) do not care for forest
 - (d) are able to meet conservation objectives as well as their own interest
 - (e) fulfill their own interest at the cost of conservation goals

DIRECTIONS (Qs. 48-50) : Choose the word/group of words which is **most nearly the same** in meaning to the word/group of words printed in **bold**.

48. CONTROLLING

- (a) holding in check (b) increasing
(c) decreasing (d) passing
(e) ignoring

49. PARADOX

- (a) similarity (b) position
(c) anomaly (d) difference
(e) excuse

50. ACUTE

- (a) accurate (b) severe
(c) dull (d) focused
(e) refined

DIRECTIONS (Qs. 51-55) : Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part the answer. If there is no error, the answer is (e). (Ignore errors of punctuation, if any).

- 51.** The dense fog on Friday morning (a)/ forced the Airport authority of India to divert (b) eight flights, includes two international flights, (c)/ out of the International Airport (d) No error (e).
- 52.** The civic authorities had scrapped the trade license (a)/ of a well known restaurant after investigation proved that (b)/ it had chopped down full grown tree simple because (c) / the tree was blocking the view of the restaurant. (d)/ No error (e).
- 53.** Investigating officers have found (a)/ a lot of gaps between (b)/ the information they gather on their own (c)/ and the version of events narated by the accused. (d)/ No error (e).
- 54.** The death of the man has brought (a)/ to the fore flight of thousands of grants (b)/ languishing behind bars in India after (c)/ being apprehended in the border. (d) No error (e).
- 55.** Only recently (a)/ did the manager ager realized that (b)/ the information provided to him (c)/ by his employees is fabricated. (d)/ No error (e).

DIRECTIONS (Qs. 56-60) : Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits, the meaning of the sentence as a whole.

- 56.** Much of the _____ that cricket has is due to the fact it is a _____ sport.
(a) allure, lucrative (b) criticism, controversial
(c) attraction, unpopular (d) flak, great
(e) comments, unusual
- 57.** Since foggy weather _____ visibility by several metres, the railways has either partially/or diverted some of the trains.
(a) improves, started (b) impairs, called off
(c) hampers, withdrawn (d) decrease, stopped
(e) reduces, cancelled
- 58.** The once _____ district is gradually being _____ of its green cover.
(a) remote, eroded (b) arid, replenished
(c) beautiful, devoid (d) picturesque, depleted
(e) lush, rob

- 59.** The pilot knew she would be able to see the _____ lights of the city from her cockpit window, but she would not see the fireworks explode to welcome the new year as she would have _____ to cruising altitude.
(a) few, soared (b) divine, escalate
(c) glistening, jumped (d) shining, reached
(e) glittering, climbed
- 60.** The New Year has _____ in good news for city hotels as most properties are _____ for the whole month.
(a) brought, deserted (b) ushered, packed
(c) pushed, full (d) steered, renovating
(e) escorted, vacant

DIRECTIONS (Qs. 61-65) : Rearrange the following seven sentences (A), (B), (C), (D), (E), (F) and (G) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) But seriously, how much would you pay to know what thoughts are swimming around in someone else's head ?
- (B) In most fictional movies thus, the idea of reading minds - of seeing the private intentions of another, and the possibility of intervening in those plans has always been highly attractive
- (C) Such fantastical questions have long been the bread and butter of fiction.
- (D) Today, more than four centuries since the phrase, "A penny for your thoughts ?", was first recorded, inflationary accounting makes that ancient penny worth more than \$40.
- (E) The going rate for a "thought" a probe into the thinking of another was once quite a bargain.
- (F) And if you could really know their truthfulness how much more would you pay?
- (G) Even with the sliding value of the dollar, this still seems quite a bargain.
- 61.** Which of the following should be the **SECOND** sentence after rearrangement?
(a) F (b) D
(c) C (d) G
(e) A
- 62.** Which of the following should be the **FOURTH** sentence after rearrangement?
(a) A (b) B
(c) G (d) D
(e) F
- 63.** Which of the following should be the **SIXTH** sentence after rearrangement?
(a) E (b) G
(c) C (d) B
(e) A
- 64.** Which of the following should be the **SEVENTH (Last)** sentence after rearrangement?
(a) A (b) B
(c) F (d) D
(e) E
- 65.** Which of the following should be the **FIRST** sentence after rearrangement?
(a) A (b) B
(c) C (d) D
(e) E

DIRECTIONS (Qs. 66–75) : In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blanks appropriately. Find out the appropriate word in each case.

With the U.S. military tied down on two fronts and the rest of the world growing (66) to American power, the challenges for Rice are as (67) as they have been for any Secretary of State in the past three decades. After six years of tussling with others on Bush's national-security team, Rice has seen off her rivals and (68) as the principal spokesperson for Bush's foreign policy. Her reward has been to (69) responsibility for selling a failed policy in Iraq and framing a legacy for Bush at a time when (70) in the world are in the mood to help her. "Bush is severely (71) and has very little credibility or support at home or abroad," says Leslie Gelb, former president of the Council on Foreign Relations. "That is (72) true for his Secretary of State. So they are basically flailing around."

That's a grim assessment, since the (73) to international order are bigger today than at any other time since the end of the cold war. The most immediate source of (74) emanates from Iraq, where the country's civil war risks (75) a region wide conflict.

66. (a) resistant (b) subservient
(c) immune (d) cordial
(e) indifference
67. (a) obvious (b) trivial
(c) superfluous (d) daunting
(e) rewarding
68. (a) renamed (b) emerged
(c) appointed (d) entrusted
(e) visited
69. (a) shirk (b) avoid
(c) transfer (d) visualize
(e) inherit
70. (a) people (b) few
(c) diplomats (d) autocrats
(e) most
71. (a) intensified (b) master-minded
(c) weakened (d) projected
(e) supported
72. (a) not (b) uniformly
(c) remotely (d) partially
(e) also
73. (a) admirations (b) threats
(c) pleasantries (d) demands
(e) accolades
74. (a) instability (b) fuel
(c) energy (d) peace
(e) atrocity
75. (a) defusing (b) demolishing
(c) terminating (d) igniting
(e) extinguishing

DIRECTIONS (Qs. 76–80) : In each question below, a sentence is given with a part of it printed in **bold** type. That part may contain a grammatical error. Each sentence is followed by phrases (a), (b), (c) and (d). Find out which phrase should replace the phrase given in bold to correct the error, if there is any, and to make the sentence grammatically meaningful and correct. If the sentence is correct as it is and 'No correction is required.' mark (e) as the answer.

76. A nation that **had been once tried to** kill him was the first to embrace him.
(a) had once been trying to
(b) had once tried to
(c) once had been tried to
(d) had to once try and
(e) No correction required
77. **Had he known more** about the policies of the company, he might not have accepted the offer.
(a) He had known more
(b) Did he know more
(c) Since not more was known
(d) If he would know more
(e) No correction required
78. His life is an example of **how the human will can** flourish even in harsh conditions.
(a) what the human will can
(b) how the human can and will
(c) when the human will can
(d) where the human will can
(e) No correction required
79. The social worker passionately stroked the annoyed passenger in order **that be pacified**.
(a) to pacify him (b) that to pacify
(c) to be pacified for (d) that to be pacified with
(e) No correction required
80. They were no longer able to provide the **help their children need**.
(a) helped their children need
(b) help their children needed
(c) help that their children need
(d) help that their children would need
(e) No correction required

QUANTITATIVE APTITUDE

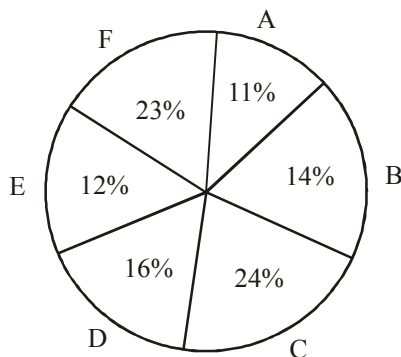
81. In how many ways the letters of the word SACRED can be arranged so that vowels come together ?
(a) 240 (b) 120
(c) 320 (d) 720
(e) None of these
82. How many natural numbers are there lying between 134 and 467 which are divisible by 7 ?
(a) 46 (b) 47
(c) 49 (d) 51
(e) None of these
83. A sum of ₹ 3200 becomes ₹ 3456 in two years at a certain rate of simple interest. What is the rate of interest per annum ?
(a) 5.5% (b) 6%
(c) 4% (d) 4.5%
(e) None of these
84. A discount of 15% is given the marked price of an article. The shopkeeper charges sales tax of 6% on the discounted price. If the selling price be ₹ 1081.20, what is the marked price of the article ?
(a) ₹ 1185.20 (b) ₹ 1250.20
(c) ₹ 302 (d) ₹ 1200
(e) None of these

DIRECTIONS (Qs. 85–89) : What will come in place of the question mark : (?) in the following number series ?

85. 21 10.5 ? 15.75 31.5 78.75
 (a) 10.5 (b) 11.5
 (c) 12.5 (d) 10.25
 (e) None of these
86. 6 19 58 ? 214 331
 (a) 113 (b) 123
 (c) 133 (d) 143
 (e) None of these
87. ? 16 28 58 114 204
 (a) 7 (b) 9
 (c) 14 (d) 6
 (e) 10
88. 13.76 14.91 17.21 20.66 ? 31.01
 (a) 25.66 (b) 24.36
 (c) 24.26 (d) 25.26
 (e) 25.36
89. 15 ? 24 33 97 122
 (a) 20 (b) 19
 (c) 17 (d) 18
 (e) 16
90. A sum of ₹ 221 is divided among X, Y and Z such that X gets ₹ 52 more than Y. Y gets ₹ 26 more than Z. The ratio of the shares of X, Y and Z respectively is:
 (a) 9 : 5 : 3 (b) 9 : 3 : 5
 (c) 5 : 9 : 3 (d) 10 : 6 : 5
 (e) None of these
91. A boat covers 20 km in 4 hours along the current and 9 km in 3 hours against the current. What is the speed of the current ?
 (a) 2 kmph (b) 1 kmph
 (c) 1.5 kmph (d) 1.75 kmph
 (e) None of these
92. A sum of ₹ 2200 is invested at two different rates of interest. The difference between the interests got after 4 years is ₹ 202.40. What is the difference between the rates of interest ?
 (a) 3.3% (b) 2.3%
 (c) 3.5% (d) 2.5%
 (e) None of these

DIRECTIONS (Qs. 93–97) : In the following pie-chart, the percentage of students studying in 6 different schools has been shown. Study the pie-chart carefully to answer the questions.

Percentage of students studying 6 different schools A, B, C, D, E and F. Total number of students = 75000



93. In which school the number of students is the highest ?
 (a) A (b) B
 (c) C (d) F
 (e) D
94. In which two other schools the number of students is same as that of studying in schools A and C ?
 (a) A and B (b) D and E
 (c) E and F (d) D and F
 (e) B and D
95. What is the average number of students studying in schools B, D and E ?
 (a) 11200 (b) 10600
 (c) 10000 (d) 10500
 (e) None of these
96. Ratio between the number of students studying in schools B and E is
 (a) 7 : 3 (b) 5 : 3
 (c) 3 : 5 (d) 6 : 7
 (e) 7 : 6
97. By what percent the number of students studying in school D is less than that of studying in school C ?
 (a) $16\frac{2}{3}\%$ (b) $33\frac{1}{3}\%$
 (c) $13\frac{1}{3}\%$ (d) $26\frac{2}{3}\%$
 (e) 30%

DIRECTIONS (Qs. 98–102) : In the following table the marks obtained by 6 students in 8 different subjects are given. Study the table carefully to answer the questions. Maximum marks of each subject is 100.

Students \ Subjects	Sunil	Meeta	Farhan	Shweta	Davis	Kirti
English	45	42	53	81	57	70
Chemistry	63	35	65	50	51	52
Hindi	78	46	56	82	42	55
Algebra	54	54	43	81	62	42
Physics	81	29	67	85	66	62
Geography	82	59	45	36	41	38
Biology	63	48	69	88	53	76
History	72	62	58	73	72	49

98. What is the average of marks obtained by all students in Algebra ?
 (a) 52 (b) 54
 (c) 56 (d) 66
 (e) 57
99. What is the difference between the total marks obtained by Sunil and Shweta ?
 (a) 45 (b) 42
 (c) 35 (d) 38
 (e) 36
100. By what percent approximately are the total marks obtained by Sunil more than that of Meeta ?
 (a) 43% (b) 45%
 (c) 46% (d) 40%
 (e) 42%

101. What is the percentage of marks obtained by Farhan ?

- (a) 52% (b) 57%
(c) 54% (d) 58%
(e) 60%

102. What is the average of marks obtained by Davis ?

- (a) 53.5 (b) 56.5
(c) 55.5 (d) 58
(e) 57

DIRECTIONS (Qs. 103-112): What approximate value will come in place of the question mark (?) in the following questions ? (You are not required to find the exact value).

103. $2371 \div 6 + (43 \times 4.35) = ?$

- (a) 582 (b) 590
(c) 600 (d) 570
(e) 595

104. $\sqrt[3]{3380} + \sqrt{1300} = ?$

- (a) 56 (b) 51
(c) 53 (d) 54
(e) 55

105. $(4.989)^2 + (21.012)^3 + \sqrt{1090} = ?$

- (a) 9219 (b) 9391
(c) 9319 (d) 9129
(e) None of these

106. $7020 \div 2.99 \times \frac{13}{29} = ?$

- (a) 1040 (b) 1100
(c) 1060 (d) 1050
(e) None of these

107. $24.99\% \text{ of } 5001 - 65.01\% \text{ of } 2999 = ?$

- (a) 840 (b) 500
(c) 700 (d) -500
(e) -700

108. $(81)^{\frac{1}{2}} - (64)^{\frac{2}{3}} = ?$

- (a) $\frac{3}{19}$ (b) $\frac{1}{16}$
(c) $\frac{7}{144}$ (d) $\frac{1}{9}$
(e) None of these

109. $331.8 \div 23.7 + (-21)^2 - 94 = (?)^2$

- (a) 15 (b) 16
(c) 18 (d) 19
(e) 17

110. $34\% \text{ of } 576 + 18\% \text{ of } 842 = ?\% \text{ of } 400 + 83.4$

- (a) 75 (b) 72
(c) 62 (d) 65
(e) 66

111. $\frac{\sqrt{29241}}{\sqrt{361}} \times 5\frac{2}{9} = ?$

- (a) 47 (b) 49
(c) 46 (d) 45
(e) 61

112. $3\frac{1}{4} + 6\frac{2}{7} + ? = 13\frac{3}{28}$

- (a) $3\frac{2}{7}$ (b) $3\frac{4}{7}$
(c) $3\frac{3}{7}$ (d) $3\frac{5}{7}$
(e) $3\frac{6}{7}$

113. The circumference of a circular playground is 308 metre. There is 7 metre wide path around the ground. The area of the path is

- (a) 2130 sq. metre (b) 2410 sq. metre
(c) 2510 sq. metre (d) 2310 sq. metre
(e) None of these

114. The average of the 9 consecutive positive integers is 63. The product of the largest and smallest integers is

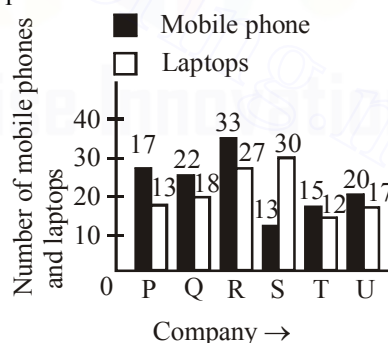
- (a) 3935 (b) 3953
(c) 3853 (d) 3835
(e) 3635

115. In two vessels A and B, there is mixture of milk and water. The ratio of milk and water in these vessels is 5 : 2 and 8 : 5 respectively. In what ratio these mixtures be mixed together so that the ratio of milk and water in the new mixture becomes 9 : 4 ?

- (a) 7 : 2 (b) 2 : 7
(c) 3 : 5 (d) 5 : 3
(e) 7 : 9

DIRECTIONS (Qs. 116-120) : In the following bar diagram, the number of mobile phones and laptops (in thousands) sold by 6 different companies in a certain month has been given. Study the bar diagram carefully to answer the questions.

Number of mobile phones and laptops (in thousands) sold by 6 different companies in a month.



116. What is the average number of mobile phones sold by all companies taken together in a month ?

- (a) 18 thousands (b) 20 thousands
(c) 17 thousands (d) 19 thousands
(e) None of these

117. By what percent the number of mobile phones sold by company U is more than that of company T ?

- (a) $33\frac{1}{3}\%$ (b) 22%
(c) 20% (d) $23\frac{2}{3}\%$
(e) None of these

118. What is the average of the number of laptops sold by companies P, R and T ?
 (a) 17 thousands (b) 17.3 thousands
 (c) 18 thousands (d) 16 thousands
 (e) None of these
119. What is the respective ratio between the number of mobile phones sold by company T and that of laptops sold by company Q ?
 (a) 3 : 5 (b) 6 : 5
 (c) 5 : 3 (d) 5 : 6
 (e) None of these
120. What is the respective ratio of the numbers of laptops sold by company Q and company R ?
 (a) 2 : 5 (b) 4 : 3
 (c) 3 : 4 (d) 3 : 2
 (e) 2 : 3

GENERAL AWARENESS

121. Savings Bank interest is calculated on the basis of
 (a) Minimum available balance
 (b) Bank's liquidity
 (c) Profitability preferences of a bank
 (d) Daily balance method
 (e) None of these
122. A customer deposits a sealed box in a bank in Safe Custody. What will be the relation between the customer and the bank in this case?
 (a) Creditor-Debtor (b) Bailor-Bailee
 (c) Trustee-Beneficiary (d) Principal-Agent
 (e) Licensor-Licensee
123. Which term is used for an account which has been inoperative since 2 years due to change of residence of the customer?
 (a) Dormant account (b) Inactive account
 (c) Static account (d) Unclaimed account
 (e) Anonymous account
124. Which policy of the Reserve Bank of India does not deal in fixing Interest rates?
 (a) Monetary Policy (b) Expansionary policy
 (c) Contractionary policy (d) Fiscal Policy
 (e) Credit Policy
125. Which of the following bodies/ organizations is responsible for the inspection, supervision and surveillance of Regional Rural Banks (RRBs)?
 (a) NABARD (b) SEBI
 (c) RBI (d) IRDA
 (e) Union Ministry of Rural Development
126. The "Three Pillar Approach" of Risk Management does not include
 (a) Minimum capital requirements
 (b) Supervisory review
 (c) Market discipline
 (d) Thrift
 (e) All of the above
127. According to the Micro, Small and Medium Enterprises Development (MSMED) Act, 2006 micro enterprise is an enterprise where investment in plant and machinery does not exceed
 (a) ₹ 5 lakh (b) ₹ 10 lakh
 (c) ₹ 25 lakh (d) ₹ 50 lakh
 (e) ₹ 1 crore
128. Public Provident Fund in India is open for a period of
 (a) 1 year (b) 5 years
 (c) 10 years (d) 15 years
 (e) 20 years
129. Which of the following bank customer relationship does not come under the Code of Fair Banking Practice?
 (a) To describe standards of good practice and service
 (b) To force the customers comply with the Know Your Customer (KYC) norms
 (c) To promote disclosure of information relevant and useful to Customers
 (d) To promote informed and effective relationships between Banks and Customers
 (e) To require Banks to have procedures for resolution of disputes between Banks and Customers.
130. Which among the following constitutes the largest percentage of retail loans in India?
 (a) Personal Loans (b) Auto Loans
 (c) Home Loans (d) Consumer Loans
 (e) Education Loans
131. The head of Hindu Undivided Family is called
 (a) Karta (b) Dharta
 (c) Co-parcener (d) Mukhya
 (e) Grihastha
132. What is the Reverse Repo Rate at present?
 (a) 7.50 per cent (b) 7 per cent
 (c) 6.5 percent (d) 6.25 per cent
 (e) 6 per cent
133. Which among the following is not one of the main purposes behind the start of Basic Saving Account by banks in India?
 (a) To provide normal banking service available to all
 (b) To provide saving account facility without requirement of any minimum balance
 (c) To promote 'no-frills' account
 (d) To provide facility of ATM card or ATM-cum-Debit Card
 (e) None of these
134. Under the Prevention of Money laundering Act, every banking company is needed to furnish details of cash transactions of the value of more than or its equivalent in foreign currency.
 (a) ₹ 1 lakh (b) ₹ 5 lakh
 (c) ₹ 10 lakh (d) ₹ 25 lakh
 (e) ₹ 50 lakh
135. At present, Demand Drafts in India are valid for a period of
 (a) 1 month (b) 2 months
 (c) 3 months (d) 6 months
 (e) 1 year
136. As per the guidelines issued by the Reserve Bank of India in May 2013, debt service coverage ratio should be greater than ____ within the 5 years period.
 (a) 0 per cent (b) 0.50 per cent
 (c) 1 per cent (d) 1.25 per cent
 (e) 1.50 per cent

- 137.** Which of the following is not correct regarding the Cheque Truncation System (CTS) in India?
- It speeds up the process of collection of cheques
 - It reduces the scope for cheque clearing-related frauds
 - Truncation of cheques is yet to be legalized
 - It lowers the cost of collection of cheques
 - It removes reconciliation related and logistics-related problems
- 138.** What is the liability of the Banker in Case of Wrongful Dishonor of Cheques?
- He is liable to compensate the customer for the loss suffered by him
 - He is not liable to compensate the customer for the loss
 - He can transfer the matter to the Customer Grievance Redressal Department
 - Both the customer and the banker have to split the compensation in the ratio of 50:50
 - None of these
- 139.** In the context of financial inclusion, what does USB refer to?
- Ultra Small Banking
 - Unified Services Branch
 - Ultra Simplified Banking
 - Union Saving Banking
 - Ultra Small Branch
- 140.** In the field of banking sector, what is the full form of ECS?
- E-Commerce Service
 - Entity component system
 - Embodied cognitive science
 - Electronic Clearing Service
 - Extended Core Storage
- 141.** If a person had income from salary, pension and interest income, then which Income Tax Form will be filled by him?
- ITR-1
 - ITR-2
 - ITR-4
 - ITR-8
 - ITR-12
- 142.** Which of the following is not correct regarding Financial Inclusion?
- It is the delivery of financial services at affordable costs
 - It is targeted at sections of disadvantaged and low-income segments of society
 - It promotes financial and institutional sustainability
 - The Reserve Bank of India (RBI) set up the Jalan Commission in 2004 to look into financial inclusion
 - Opening of no-frills accounts is a step towards financial inclusion
- 143.** Which of the following is a fully-owned subsidiary of the Reserve Bank of India?
- Reserve Bank of India Staff College
 - Institute for Development and Research in Banking Technology
 - Indira Gandhi Institute for Development Research
 - Deposit Insurance and Credit Guarantee Corporation of India
 - National Institute for Bank Management
- 144.** Which of the following is the currency of the European Union?
- Pound Sterling
 - Euro
 - Franc
 - Krona
 - Forint
- 145.** Under which Act can criminal prosecution of the defaulter be initiated for dishonoring of an electronic fund transfer instruction due to insufficiency of funds in the account?
- Negotiable Instruments Act, 1881
 - Indian Penal Code, 1860
 - Payment and Settlement Systems Act, 2007
 - Both 1 and 2
 - Both 2 and 3
- 146.** Which of the following statements correctly describe Brown Label ATMs in India?
- They are those ATMs where hardware and the lease of the ATM machine is owned by a service provider
 - They are those ATMs where cash management and connectivity to banking networks is provided by a sponsor bank
 - They are alternative between bank-owned ATMs and 'white label' ATMs
 - These ATMs are marked by an incentive to ensure efficiency in terms of usage
 - All of the above
- 147.** A bank customer (a company) has a cash credit limit of ₹ 1,00,000. After making a payment on a scheduled date, its credit balance gets reduced to ₹ 80,205. In this context, under which facility can one entity / company make payments from its bank account to a number of recipients by direct credit to their bank account?
- NEFT
 - RTGS
 - ECS
 - Standing Instructions Payment
 - Only 1 and 2
- 148.** A letter of credit where in the credit available to the customer gets reinstated after the bill is paid is known as
- Back to back LC
 - Red clause LC
 - Back to front LC
 - Revolving LC
 - Recourse LC
- 149.** Banks are required to maintain secrecy and confidentiality of customers' accounts under
- Indian Contract Act 1872
 - Banker's Book Evidence 1891
 - Consumer Protection Act 1986
 - Banking Regulation Act 1949
 - Income Tax Act 1961
- 150.** Which of the following authorities instructs a bank that funds held on behalf of a debt or should not be released until directed by it?
- Reserve Bank of India
 - Banking Ombudsman
 - Court
 - Union Ministry of Finance
 - Cabinet Committee on Economic Affairs
- 151.** Which Act has empowered the Reserve Bank of India to conduct the inspection of banks and regulate them in the interest of banking system?

- (a) Reserve Bank of India Act, 1934
 (b) Banking Regulation Act, 1949
 (c) Negotiable Instruments Act, 1881
 (d) Banking Supervision Act, 1956
 (e) Payment and Settlement Systems Act, 2007
152. Major portion of share capital in the case of Regional Rural Banks in India is held by
 (a) Indian Banking Association
 (b) Central Government
 (c) Reserve Bank of India
 (d) State government
 (e) Sponsor Bank
153. Which of the following statements sum up the features of a Debit Card?
 (a) It is a plastic payment card
 (b) Payments using a debit card are immediately transferred from the cardholder's designated bank account
 (c) It is known as a bank card or check card
 (d) The debit card transactions are routed through the Visa or Master Card networks
 (e) All of the above
154. What does the letter 'S' stands for in BRICS?
 (a) Sustainable (b) Sweden
 (c) Service (d) South Africa
 (e) Sales
155. Which of the following bodies is responsible for maintaining the Cash Reserve Ratio?
 (a) All scheduled commercial banks
 (b) All Private Banks
 (c) Regional Rural Banks
 (d) Non Banking Financial Companies
 (e) All of the above
156. Foreign Exchange Reserves in India are maintained and managed by
 (a) SEBI (b) RBI
 (c) IRDA (d) Planning Commission
 (e) Union Ministry of Commerce
157. Which of the following is not a Credit rating agency of India?
 (a) CIBIL (b) ICRA Limited
 (c) Fitch (d) Onicra
 (e) Experian
158. With which institution is the Trans Union Score associated?
 (a) Educational institutions (b) Credit Institutions
 (c) Legal Institutions (d) Forex Institutions
 (e) None of these
159. A cheque which bears the word "Not Negotiable" between the two parallel lines is considered as a
 (a) Uncrossed cheque (b) Truncated cheque
 (c) Valid cheque (d) Crossed cheque
 (e) Post-dated cheque
160. To which of the following clients of the Reserve Bank of India does its rates (Bank Rate and Repo Rate) apply?
 (a) Union Government (b) State Government
 (c) NABARD (d) NBFCs
 (e) All of the above

COMPUTER KNOWLEDGE

161. Full form of FTP is
 (a) File Transfer Protocol
 (b) File Transit Protocol
 (c) Folder Transfer Protocol
 (d) File Transfer Procedure
 (e) None of these
162. Which area of microprocessor is used to temporarily store instructions and data ?
 (a) Register (b) ALU
 (c) Accumulator (d) Cache memory
 (e) Interrupt control
163. _____ are usually real technology buffs which modify computer hardware or software in a way that alters the creator's original content.
 (a) Crackers (b) Hackers
 (c) Virus (d) Software engineer
 (e) None of these
164. In computing _____ is a term that means replacing of hardware, software or firmware with a new or better version, in order to bring the system up to date or to improve its characteristics.
 (a) Upgrading (b) Installing
 (c) New version (d) Replacement
 (e) None of these
165. What is the blinking symbol on computer screen ?
 (a) Mouse (b) Cursor
 (c) Cathode Ray tube (d) Logo
 (e) Palm cursor
166. Which hardware device enables a computer to send and receive information over telephone lines by converting the digital data used by computer into analog signal used on phone lines and then converting it back once received on the other end.
 (a) Demodulator (b) Modulator
 (c) Modem (d) Ethernet
 (e) All of the above
167. _____ are descended from early text formatting tools, it is the earliest applications for the personal computer in office productivity.
 (a) Word processor (b) Diskettes
 (c) Printer (d) Plotter
 (e) None of these
168. _____ is a concept to abstractly represent all instances of a group of similar things.
 (a) Revoke
 (b) Data Manipulation language
 (c) Data Definition language
 (d) Data Control language
 (e) Entity
169. How many Gigabytes is equal to 1 petabyte?
 (a) 104857 (b) 1048576
 (c) 1 (d) 10485
 (e) None of these

170. .xls, .doc, .ppt are extensions of _____ respectively.
 (a) Word document, Presentation, Excel
 (b) Presentation, Excel, Word document
 (c) Excel, Word document, Presentation
 (d) Excel, Presentation, Word document
 (e) None of these
171. PIN stands for _____.
 (a) Password Identification Number
 (b) Public Identification Number
 (c) Private Identification Number
 (d) Public Identification Number
 (e) None of the above
172. _____ refers to the copying and archiving of computer data, where primary purpose is to recover data after its loss (due to deletion or corruption).
 (a) Reverse data (b) Extraction of data
 (c) Back up of data (d) Version change
 (e) All of the above
173. An email attachment is a computer file, documents and images sent along with an _____.
 (a) email message (b) email extension
 (c) Inbox (d) Insert file
 (e) All of the above
174. TSO stands for
 (a) Time sharing operation
 (b) Time sharing option
 (c) Time support option
 (d) Time synchronous option
 (e) None of these
175. Which of the following is known as Network of Networks?
 (a) LAN (b) WAN
 (c) MAN (d) Internet
 (e) None of these
176. What refers to how system can quickly transform to support environmental changes?
 (a) Reliability (b) Scalability
 (c) Availability (d) Maintainability
 (e) None of these
177. Booting up of PC depends on factors like so that files function without errors.
 (a) the hardware (b) BIOS
 (c) Operating system (d) All of the above
 (e) None of these
178. Which amongst the following is/are pointing devices?
 (a) Mouse (b) Trackball
 (c) Joystick (d) Stylus
 (e) All of the above
179. What feature adjusts the top and bottom margins so that the text is centred vertically on the printed page?
 (a) Vertical justifying (b) Vertical adjusting
 (c) Dual centring (d) Horizontal centring
 (e) Vertical centring
180. What is the overall term for creating, editing, formatting, storing, retrieving, and printing a text document?
 (a) Word processing (b) Spreadsheet design
 (c) Web design (d) Database management
 (e) Presentation generation
181. A (n) _____ allows you to access your e-mail from any where
 (a) Forum (b) Webmail interface
 (c) Message Board (d) Weblog
 (e) None of these
182. When you enter text in a cell in Excel, it also appears in the
 (a) status bar (b) formula bar
 (c) row heading (d) name box
 (e) None of these
183. Where is newly received email stored?
 (a) Your website (b) Address-box
 (c) Inbox (d) Your personal laptop
 (e) None of these
184. When the mouse is moved, it causes a picture to move on the screen which is referred as a
 (a) menu (b) icon
 (c) pointer (d) tab
 (e) None of these
185. To save a document for first time, _____ option is used.
 (a) Save as (b) Save first
 (c) Save on (d) Copy
 (e) Paste
186. Two basic types of graphics used in Word 2000 are _____.
 (a) AutoShapes and Clip Art
 (b) Header and Footer
 (c) Drawing Objects and Pictures
 (d) Spelling and Grammar
 (e) Word Count
187. Which of the following terms is not related to Internet?
 (a) Link (b) Function key
 (c) Browser (d) Search Engine
 (e) Hyperlink
188. To move the text from its original position to another position without deleting it is called –
 (a) Scrolling (b) Searching
 (c) Moving (d) Copying
 (e) Halting
189. Which of the following is an active cell in Excel?
 (a) Recycle Bin (b) Task Bar
 (c) Tool Bar (d) My Computer
 (e) None of these
190. All the deleted files go to
 (a) Recycle Bin (b) Task Bar
 (c) Tool Bar (d) My Computer
 (e) None of these
191. You organize files by storing them in
 (a) archives (b) folders
 (c) indexes (d) lists
 (e) None of these
192. Letters, numbers, and symbols found on a keyboard are
 (a) Icon (b) Screen
 (c) Keys (d) Menu
 (e) None of these
193. _____ is the process of carrying out commands.
 (a) Fetching (b) Storing
 (c) Decoding (d) Executing
 (e) None of these

194. The microprocessor contains a special purpose storage areas called
- (a) Cache
 - (b) RAM
 - (c) ROM
 - (d) Internal memory
 - (e) Registers
195. Six aspects of e-mail system in the right order are
- (a) Composition, transfer, conversion, reporting, formatting, disposition
 - (b) Composition, conversion, reporting, transfer, formatting, disposition
 - (c) Composition, transfer, reporting, conversion, formatting, disposition
 - (d) Composition, formatting, transfer, conversion, reporting, disposition
 - (e) Composition, transfer, conversion, reporting, disposition, formatting
196. COMMIT, ROLLBACK statements are parts of
- (a) TCL
 - (b) DCL
 - (c) DDL
 - (d) DML
 - (e) DQL
197. State what is true about XML:
- (a) XML is a markup language very different from HTML
 - (b) XML is not a W3C Recommendation
 - (c) XML does not do anything
 - (d) XML stands for Extra Markup Language
 - (e) XML tags are predefined
198. _____ be used to insert a page break in word at the current position
- (a) Enter
 - (b) Shift + Enter
 - (c) CTRL + Break
 - (d) CTRL + Enter
 - (e) CTRL + B
199. System proposal is prepared in _____ phase of SDLC
- (a) Conception
 - (b) Initiation
 - (c) Analysis
 - (d) Design
 - (e) Construction
200. _____ menu provides an option to check spellings
- (a) View
 - (b) Edit
 - (c) Format
 - (d) Tools
 - (e) Review

HINTS & SOLUTIONS

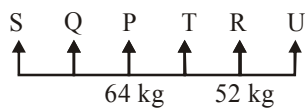
(1-3):

$$Q > P > U$$

$$P > T > R$$

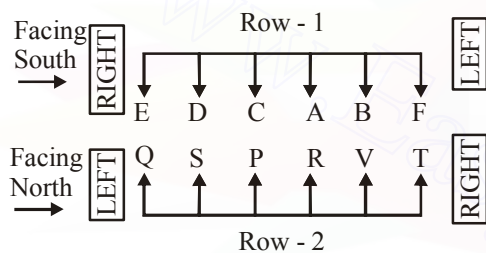
$$S > Q$$

Now,



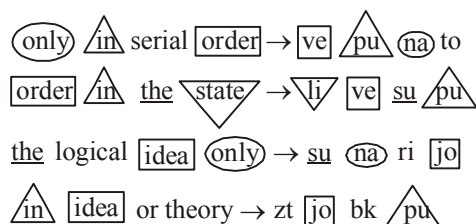
1. (c) $P > T > R$
 $\downarrow \qquad \qquad \qquad \downarrow$
 64 kg 52 kg
- Therefore, T may be of 58 kg.
2. (e) Four persons S, Q, P and T are heavier than R.
3. (b) Q is heavier than P and P's weight is 64 kg. Therefore Q's weight may be 66 kg.

(4-8) :



4. (b) A faces R. D sits second to the right of A.
5. (a) B sits second to the left of C.
 A sits to the immediate right of B.
 V faces B.
 A and F are immediate neighbours of B.
 V faces B. R and T are immediate neighbours of V.
6. (c) C faces P.
7. (a) V sits exactly between T and R.
8. (d) Except C, all others are seated at extreme ends of the lines.

(9 - 13) :



Codes are :

only \Rightarrow na the \Rightarrow su or \Rightarrow zt or bk
 in \Rightarrow pu state \Rightarrow li theory \Rightarrow zt or bk
 serial \Rightarrow to logical \Rightarrow ri
 order \Rightarrow ve idea \Rightarrow jo

9. (e) The code of 'theory' is either 'zt' or 'bk',
10. (c) li \Rightarrow state
 ri \Rightarrow logical
 to \Rightarrow serial
 ve \Rightarrow order

11. (a) logical \Rightarrow ri
 idea \Rightarrow jo
 only \Rightarrow na
 order \Rightarrow ve
 The code for 'is' may be 'ge'

12. (d) logical \Rightarrow ri

13. (b) serial \Rightarrow to

14. (d) Both of the course of action are not suitable because the company lixus does not a manufacture ball point pens it would be an opportunity to some other company. Similarly, close competitor would introduce gel-into pens in the market.

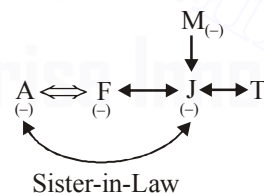
15. (e) Both the course of action should be followed because recession in whole world would affect the job market of foreign countries also adversely.

16. (d) Both of the course of action are not feasible because private curlines; if banned, would create further problems and government curlines cannot increase passengert fare beyond certain limits.

17. (a) II course of action is not feasible because government cannot limit school fees.

18. (b) Only II course of action should be followed because appropriate arrangements can only control spread of disease.

19. (c) A @ F \Rightarrow A is wife of F.
 F \$ M \Rightarrow F is son of M.
 M % J \Rightarrow M is mother of J.
 J + T \Rightarrow J is the sister of T.



20. (d) J % B \Rightarrow J is the mother of B
 B \$ K \Rightarrow B is the son of K.
 K \$ T \Rightarrow K is the son of T.
 Therefore J is daughter-in-law of T.

(21-22) :

$$R \geq T < M = Z$$

$$C > T \geq B$$

$$R \geq T < C$$

$$R \geq T \geq B$$

$$Z = M > T \geq B$$

$$C > T < M = Z$$

21. (b) Conclusions :

I. $Z > C$: Not TrueII. $B < Z$: True

So only conclusions II follows.

22. (a) **Conclusions :**I. $B < C$: TrueII. $R \geq C$: Not True

So only conclusions I follows.

(23–24):

 $P \geq Q > T$ $Q \leq R$ $T \geq A$ $P \geq Q > T \geq A$ $P \geq Q \leq R$ $R \geq Q > T \geq A$ 23. (a) **Conclusions :**I. $A < Q$: TrueII. $A \leq P$: Not True

So only conclusions I follows.

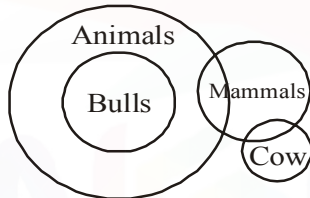
24. (e) **Conclusions :**I. $T < P$: TrueII. $R > A$: True

So both the conclusions follow.

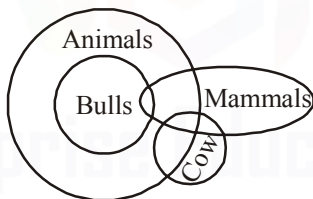
25. (d) $P > T = U \leq W$ $Q \geq R \geq W$ $P > T = U \leq W \leq R \leq Q$ **Conclusions :**I. $T = R$: Not TrueII. $U < R$: Not True

So None of the conclusion follows.

(26–27):



OR

26. (e) **Conclusions:**

I. True

Conversion of the third premise.

II. True

So both of the conclusions I and II follow.

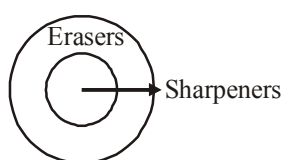
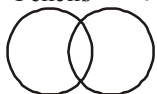
27. (a) **Conclusions:**

I. True

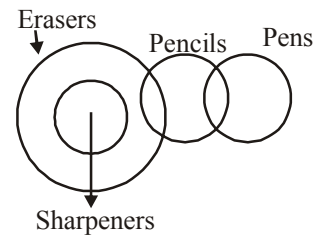
Conversion of the second premise.

II. False

28. (d) Pencils Pens



OR

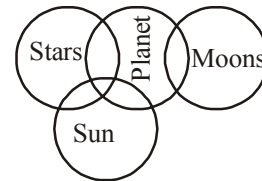
**Conclusions:**

I. False

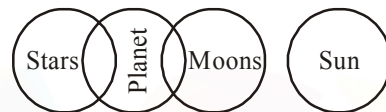
II. False

So neither conclusion I nor conclusion II follow.

(29–30)



OR

29. (d) **Conclusions:**

I. False

II. False

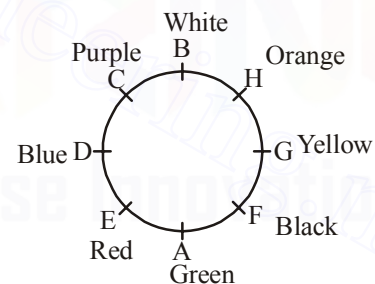
None of the conclusions follows.

30. (b) **Conclusions:**

I. False

II. True

(31–35):



31. (c) There are four persons G, F, A and E between H and D,

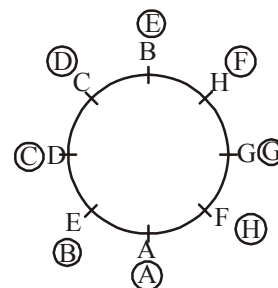
if we go clockwise from H to D.

32. (a) H and F are immediate neighbours of G.

F likes black colour.

33. (d) H likes orange colour. E is fourth to the left or right of H.

34. (b)



- A sits exactly between E and F.

If we analyse the given input and various steps of rearrangement we would find that in each step there is an arrangement of one word and one number. In the first step, word which comes first in alphabetical order and the highest number moves to the extreme left position in the second step, there is similar rearrangement of words and numbers in the same pattern. Same procedure is followed til all the words are arranged in the reverse alphabetical order from left to right and all the numbers are arranged in ascending order.

And, Step VI is the last step for the given input.

- 51. (c)** Here, preposition including should be used. Hence,

80. (b) The Principal clause is in Past tense. Hence. help their children needed ... should be used

$$= ₹ \frac{85x}{100} = ₹ \frac{17x}{20}$$

$$\text{Actual S.P.} = ₹ \left(\frac{17x}{20} \times \frac{106}{100} \right)$$

$$\therefore \frac{17x}{20} \times \frac{106}{100} = 1081.20$$

$$\Rightarrow x = \frac{1081.20 \times 20 \times 100}{17 \times 106} = ₹ 1200$$

85. (a) Identifying the pattern of number series

$$21 \xrightarrow{\times 0.5} 10.5 \xrightarrow{\times 1} \boxed{10.5} \xrightarrow{\times 1.5} 15.75 \xrightarrow{\times 2.0} 31.50$$

$$\downarrow \times 2.5$$

$$78.75$$

86. (b) Identifying the pattern of number series

$$6 \xrightarrow{+(1 \times 13)} 19 \xrightarrow{+(3 \times 13)} 58 \xrightarrow{+(5 \times 13)} \boxed{123} \xrightarrow{+(7 \times 13)} 214$$

$$\downarrow +(9 \times 13)$$

$$331$$

87. (c) Identifying the pattern of number series

$$\boxed{14} \xrightarrow{+(1 \times 2)} 16 \xrightarrow{+(3 \times 4)} 28 \xrightarrow{+(5 \times 6)} 58$$

$$\downarrow +(7 \times 8)$$

$$204 \xleftarrow{+(9 \times 10)} 114$$

88. (d) Identifying the pattern of number series

$$13.76 \xrightarrow{+(1 \times 1.15)} 14.91 \xrightarrow{+(2 \times 1.15)} 17.21 \xrightarrow{+(3 \times 1.15)} 20.66$$

$$\downarrow +(4 \times 1.15)$$

$$31.01 \xleftarrow{+(5 \times 1.15)} \boxed{25.26}$$

89. (e) The pattern of the number series is :

$$15 + 1^2 = \boxed{16}$$

$$16 + 2^2 = 16 + 8 = 24$$

$$24 + 3^2 = 24 + 9 = 33$$

$$33 + 4^2 = 33 + 16 = 49$$

$$49 + 5^2 = 49 + 25 = 74$$

90. (a) We have,

$$x = y + 52$$

$$y = z + 26 \text{ or } z = y - 26$$

$$\text{and } x + y + z = 221$$

$$(y + 52) + y + (y - 26) = 221$$

$$3y + 26 = 221$$

$$3y = 221 - 26 = 195$$

$$y = m \frac{195}{3} = 65$$

$$x = y + 52 = 65 + 52 = 117$$

$$z = y - 26 = 65 - 26 = 39$$

$$x : y : z = 117 : 65 : 39 = 9 : 5 : 3$$

91. (b) Let speed of boat in steady water and speed of current be x km/h and y km/h respectively.

$$\text{Speed of upstream} = (x - y) \text{ km/h}$$

$$\text{Speed of down stream} = (x + y) \text{ km/h}$$

$$\frac{20}{x+y} = 4 \text{ or } 4x + 4y = 20 \quad \dots (1)$$

$$\frac{9}{x-y} = 3 \text{ or } 3x - 3y = 9 \quad \dots (2)$$

Multiplying equation (1) by 3 and equation (2) by 4, then subtract equation (2) from (1).

$$12x + 12y = 60$$

$$12x - 12y = 36$$

$$\begin{array}{r} - \quad + \quad - \\ \hline 24y = 24 \end{array}$$

$$y = 1 \text{ km/h}$$

The speed of current is 1 kmph.

92. (b) Let R_1 and R_2 be the two different rate of interest, where $R_1 > R_2$

$$\frac{2200 \times R_1 \times 4}{100} - \frac{2200 \times R_2 \times 4}{100} = 202.40$$

$$\frac{2200 \times 4}{100} [R_1 - R_2] = 202.40$$

$$R_1 - R_2 = \frac{202.40 \times 100}{2200 \times 4} = \frac{50.6}{22}$$

$$R_1 - R_2 = 2.3\%$$

93. (c) Clearly, the percentage of students in school C in pichart is highest i.e. 24%.

94. (c) Percentage of students in schools A and C = $24 + 11 = 35\%$

$$\text{Percentage of students in schools E and F} = 23 + 12 = 35\%$$

95. (d) Number of students in schools B, D and E

$$= 75000 \times \frac{(14 + 16 + 12)}{100}$$

$$= 75000 \times \frac{42}{100} = 31500$$

$$\therefore \text{Required average} = \frac{31500}{3} = 10500$$

96. (e) Required ratio = $14 : 12 = 7 : 6$

$$97. (b) \text{Percentage decrease} = \frac{24 - 16}{24} \times 100$$

$$= \frac{100}{3} = 33\frac{1}{3}\%$$

98. (c) Total marks obtained by all students in Algebra = $54 + 54 + 43 + 81 + 62 + 42 = 336$

$$\text{Required average} = \frac{336}{6} = 56$$

99. (d) Total marks obtained by Sunil = 538
Total marks obtained by Shweta = 576

$$\text{Required difference} = 576 - 538 = 38$$

100. (a) Total marks obtained by Sunil = 538
Total marks obtained by Meeta = 375

$$\text{Required percentage} = \frac{163}{375} \times 100 = 43\%$$

101. (b) Total marks obtained by Farhan = 456

$$\text{Required percentage} = \frac{456}{800} \times 100 = 57$$

102. (c) Total marks obtained by Davis = 444

$$\text{Required average} = \frac{444}{8} = 55.5$$

103. (a) ? $\approx 395 + 187 = 582$

104. (b) ? $= \sqrt[3]{3380} + \sqrt{1300} \approx \sqrt[3]{3375} + \sqrt{1296}$
 $\approx 15 + 36 \approx 51$

$$105. (c) \quad ? \approx (5)^2 + (21)^3 + \sqrt{1089} \\ \approx 25 + 9261 + 33 \approx 9319$$

$$106. (d) \quad ? \approx \frac{7020}{3} \times \frac{13}{29} \approx \frac{2340 \times 13}{29} = 1049$$

$$107. (e) \quad ? \approx \frac{5000 \times 25}{100} - \frac{3000 \times 65}{100} \\ \approx 1250 - 1950 \approx -700$$

$$108. (c) \quad ? = (81)^{-1/2} - (64)^{-2/3} \\ = \left(\frac{1}{8}\right)^{\frac{1}{2}} - \left(\frac{1}{64}\right)^{\frac{2}{3}} = \frac{1}{9} - \frac{1}{16} \\ = \frac{16-9}{144} = \frac{7}{144}$$

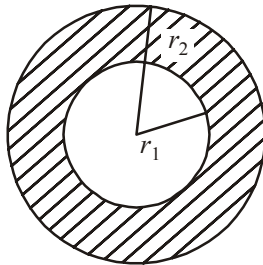
$$109. (d) \quad (?)^2 = 331.8 \div 23.7 + (-21)^2 - 94 \\ = 14 + 441 - 94 = 361 \\ \Rightarrow ? = \sqrt{361} = 19$$

$$110. (e) \quad \frac{576 \times 34}{100} + \frac{842 \times 18}{100} = \frac{400 \times ?}{100} + 83.4 \\ \Rightarrow 195.84 + 151.56 = 4 \times ? + 83.4 \\ \Rightarrow 347.4 = 4 \times ? + 83.4 \\ \Rightarrow 4 \times ? = 347.4 - 83.4 = 264 \\ \Rightarrow ? = \frac{264}{4} = 66$$

$$111. (a) \quad ? = \frac{\sqrt{29241}}{\sqrt{361}} \times \frac{47}{9} = \frac{171}{19} \times \frac{47}{9} = 47$$

$$112. (b) \quad \frac{13}{4} + \frac{44}{7} + ? = 13 + \frac{3}{28} \\ \Rightarrow \frac{91+176}{28} + ? = 13 + \frac{3}{28} \\ \Rightarrow \frac{267}{28} + ? = 13 + \frac{3}{28} \\ \Rightarrow \frac{264}{28} + ? = 13 \Rightarrow \frac{66}{7} + ? = 13 \\ \Rightarrow ? = 13 - \frac{66}{7} = \frac{91-66}{7} = \frac{25}{7} = 3\frac{4}{7}$$

$$113. (d) \quad 2\pi r_1 = 308 \text{ where } r_1 = \text{radius of circular playground}$$



$$\Rightarrow 2 \times \frac{22}{7} \times r_1 = 308$$

$$\Rightarrow r_1 = \frac{308 \times 7}{2 \times 22} = 49 \text{ metre}$$

$$\therefore \text{Area of the path} = \pi(r_2^2 - r_1^2) \\ = \frac{22}{7} (56^2 - 49^2)$$

$$= \frac{22}{7} (56 + 49)(56 - 49) \\ = 22 \times 105 = 2310 \text{ sq.m.}$$

$$114. (b) \quad \text{Let positive consecutive integers are } x, x+1, x+2, \dots, x+8.$$

$$\text{Average} = \frac{x+(x+1)+\dots+(x+8)}{9} = 63$$

$$\Rightarrow \frac{9x+36}{9} = 63$$

$$\Rightarrow x+4 = 63 \Rightarrow x = 59$$

$$\text{Largest number, } x+8 = 59+8 = 67$$

$$\text{Product of largest and smallest} = 59 \times 67 = 3953$$

$$115. (a) \quad \text{Let C.P. of milk per litre be ₹ 1}$$

$$\text{Milk in 1 litre of A} = \frac{5}{7} \text{ litre}$$

$$\text{Milk in 1 litre of B} = \frac{8}{13} \text{ litre}$$

$$\text{Milk in 1 litre of mixture} = \frac{9}{13} \text{ litre}$$

$$\begin{array}{ccc} \text{C.P. of 1} & & \text{C.P. of 2} \\ \text{litre of A} & & \text{litre of B} \end{array}$$

$$\begin{array}{ccc} \text{₹ } \frac{5}{7} & \text{Average price} & \text{₹ } \frac{8}{13} \\ & \text{₹ } \frac{9}{13} & \\ \frac{1}{13} & & \frac{2}{91} \end{array}$$

$$\therefore \text{Required ratio} = \frac{1}{13} : \frac{2}{91} = 7 : 2$$

$$116. (b) \quad \text{Required average} = \frac{17+22+33+13+15+20}{6}$$

$$= \frac{120}{6} = 20 \text{ thousand}$$

$$117. (a) \quad \text{Required per cent} = \frac{20-15}{15} \times 100 = \frac{100}{3} = 33\frac{1}{3}\%$$

$$118. (b) \quad \text{Required average} = \frac{13+27+12}{3} \\ = \frac{52}{3} = 17\frac{1}{3} \text{ thousands}$$

$$119. (d) \quad \text{Required ratio} = 15 : 18 = 5 : 6$$

$$120. (e) \quad \text{Required ratio} = 18 : 27 = 2 : 3$$

121. (d)	122. (b)	123. (d)	124. (e)	125. (a)
126. (d)	127. (c)	128. (d)	129. (b)	130. (c)
131. (a)	132. (d)	133. (c)	134. (c)	135. (c)
136. (d)	137. (c)	138. (a)	139. (e)	140. (d)
141. (a)	142. (d)	143. (d)	144. (b)	145. (c)
146. (e)	147. (c)	148. (d)	149. (c)	150. (c)
151. (b)	152. (b)	153. (e)	154. (d)	155. (a)
156. (b)	157. (c)	158. (b)	159. (d)	160. (e)
161. (a)	162. (d)	163. (b)	164. (a)	165. (b)
166. (c)	167. (c)	168. (b)	169. (b)	170. (c)
171. (e)	172. (c)	173. (a)	174. (b)	175. (d)
176. (d)	177. (d)	178. (e)	179. (e)	180. (a)
181. (b)	182. (a)	183. (c)	184. (c)	185. (e)
186. (a)	187. (b)	188. (d)	189. (a)	190. (a)
191. (a)	192. (c)	193. (d)	194. (e)	195. (c)
196. (a)	197. (c)	198. (d)	199. (b)	200. (d)

IBPS RRBs OFFICER SCALE-I EXAM 2013

Based on Memory

REASONING ABILITY

DIRECTIONS (Qs. 1–5) : In the following questions, the symbols Δ , Σ , @, \odot and # are used with the following meaning as illustrated below :

' $X \Delta Y$ ' means 'X' is neither greater than nor equal to Y.

' $X \Sigma Y$ ' means 'X is not smaller than Y'.

' $X @ Y$ ' means 'X is not greater than Y'.

' $X \odot Y$ ' means 'X is neither greater than nor smaller than Y'.

' $X \# Y$ ' means 'X is neither smaller than nor equal to Y'.

Now in each of the following questions assuming the given statements to be true, find which of the two Conclusions I and II given below them is/are **definitely true** ?

Give answer (a) If only Conclusion I is true.

Give answer (b) if only Conclusion II is true.

Give answer (c) if either Conclusion I or II is true.

Give answer (d) if neither Conclusion I nor II is true.

Give answer (e) if both Conclusions I and II are true.

1. **Statements :**

$R @ J, F \Sigma J, C \Sigma F$

Conclusions :

I. $R \odot C$

II. $C \# R$

2. **Statements :**

$W @ P, W \# E, \Delta V$

Conclusions :

I. $P \# E$

II. $V \odot W$

3. **Statements :**

$J \odot R, P \Sigma R, Z \# P$

Conclusions :

I. $R \Delta Z$

II. $J @ P$

4. **Statements :**

$G @ O, N \odot O, H \# G$

Conclusions :

I. $O \Delta H$

II. $G \odot N$

5. **Statements :**

$Q \Delta B, M \odot B, K \Sigma M$

Conclusions :

I. $K \odot B$

II. $Q \Delta K$

DIRECTIONS (6–10) : Study the following information carefully and answer the questions given below :

Three ladies and four men are a group of friends i.e. R, M, T, S, L, W and Z. Each one has a different profession i.e. Lawyer, Travel Agent, Air hostess, Doctor, Professor, Consultant and Jeweller and each one owns a different car i.e. Alto, Corolla, Santro, Lancer,

Ikon, Scorpio and Esteem, not necessarily in that order. None of the ladies is a Consultant or a Lawyer. T is an Air hostess and she owns an Ikon car. R owns a Scorpio. M is not a Doctor. L is a Jeweller and he owns Corolla. W is a Lawyer and does not own Alto. Z is a Consultant and owns Santro. The Doctor owns Esteem car whereas the Professor owns Scorpio. The Travel Agent owns an Alto. None of the ladies own a Scorpio.

6. What car does S own ?

- (a) Alto
- (b) Santro
- (c) Lancer
- (d) Esteem
- (e) None of these

7. Who owns the car Lancer ?

- (a) Z
- (b) M
- (c) W
- (d) Data inadequate
- (e) None of these

8. What is the profession of R ?

- (a) Professor
- (b) Travel Agent
- (c) Doctor
- (d) Data inadequate
- (e) None of these

9. Who is the Doctor ?

- (a) R
- (b) S
- (c) L
- (d) Data inadequate
- (e) None of these

10. Who are the three ladies in the group ?

- (a) T, R, L
- (b) T, M, S
- (c) W, T, M
- (d) Data inadequate
- (e) None of these

DIRECTIONS (Qs. 11–15) : In each of the questions below are given three statements followed by three Conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the Conclusions and then decide which of the given Conclusions logically follows from the given statements disregarding commonly known facts.

11. **Statements :**

All flowers are toys.

Some toys are trees.

Some angels are trees.

Conclusions :

I. Some angels' are toys.

II. Some trees are flowers.

III. Some flowers are angels.

- (a) Only I follows
- (b) Only II follows
- (c) Only I and III follow
- (d) Only III follows
- (e) None follows

12. **Statements :**

Some pigeons are dogs.

All dogs are cats.

All pigeons are horses.

Conclusions :

- I. Some horses are dogs.
 II. Some cats are pigeons.
 III. Some horses are cats.

- (a) All follow (b) Only II and III follow
 (c) Only I and III follow (d) Only I and II follow
 (e) None of these

13. Statements :

- All tables are streets.
 All streets are bottles.
 All parrots are bottles.

Conclusions :

- I. Some streets are parrots.
 II. Some bottles are tables.
 III. All tables are bottles.

- (a) Only I follows (b) Only II follows
 (c) Only III follows (d) Only II and III follow
 (e) None of these

14. Statements :

- Some cartoons are boys.
 All boys are windows.
 All jokers are windows.

Conclusions :

- I. All jokers are boys.
 II. Some cartoons are windows.
 III. Some jokers are cartoons.

- (a) Only I follows (b) Only II follows
 (c) Only III follows (d) Only I and II follow
 (e) None of these

15. Statements :

- Some saints are balls.
 All balls are bats.
 Some tigers are balls.

Conclusions :

- I. Some bats are tigers.
 II. Some saints are bats.
 III. All bats are balls.

- (a) Only I and III follow (b) Only II follows
 (c) Only I and II follow (d) Only III follows
 (e) None of these

16. In a certain code language RUSTICATE is written as 'QTTUIDBSD'. How would STATISTIC be written in that code ?

- (a) RSBUIRSJD (b) TUBUITUMB
 (c) RSBUITUHB (d) RBUJTUHB
 (e) None of these

17. If it is possible to make only one meaningful word with the second, the fifth, the seventh and the tenth letters of the word OMNISCIENT, which of the following will be the third letter of that word ? If no such word can be made, give 'J' as the answer and if more than one such word can be made, give 'Q' as the answer.

- (a) J (b) Q
 (c) I (d) M
 (e) S

18. Four of the following five are alike in a certain way and so form a group. Which is the one that **does not belong to that group ?**

- (a) Watermelon (b) Papaya
 (c) Jackfruit (d) Pineapple
 (e) Sweetlime

19. How many such pairs of letters are there in the 'ENIGMATIC' each of which has as many letters between them in the word as in the English alphabet ?

- (a) One (b) Two
 (c) Three (d) None
 (e) More than five

20. How many such 6s are there in the following number series, each of which is immediately preceded by 1 or 5 and immediately followed by 3 or 9 ?

2 6 3 7 5 6 4 2 9 6 1 3 4 1 6 3 9 1 5 6 9 2 3 1 6 5 4

3 2 1 9 6 7 1 6 3

- (a) None (b) One
 (c) Two (d) Three
 (e) None of these

DIRECTIONS (21-22) : Read the following information and answer the questions that follow:

- (i) 'S × T' means 'S is the brother of T'.
 (ii) 'S ÷ T' means 'T is the father of S'.
 (iii) 'S + T' means 'S is the sister of T'.
 (iv) 'S - T' means 'S is the mother of T'.

21. Which of the following means R is the paternal uncle of B?

- (a) $B \times Q \div L \times R$
 (b) $B \times D \div J \times R \times K$
 (c) $R \times P \div S \times B$
 (a) Only (a) (b) Only (b)
 (c) Only (c) (d) Both (a) and (b)
 (e) None of these

22. Which of the following statement(s) is/are superfluous to answer the above question ?

- (a) (i) only (b) (ii) only
 (c) (iii) only (d) Only (iii) and (iv)
 (e) None of these

23. Four of the following five are alike in a certain way and so form a group. Which is the one that **does not belong to that group ?**

- (a) 17 (b) 13
 (c) 63 (d) 71
 (e) 23

24. In a certain code language, SAMBLE is written as =/©\$Σ % and STAR is written as @/£. How would TREMBLE be written in the same code ?

- (a) @£%©\$Σ% (b) @£%\$Σ/©
 (c) @£%/Σ% (d) =£%©\$Σ%
 (e) None of these

25. If 'sky' means 'star'; 'star' means 'cloud'; 'cloud' means 'earth'; 'earth' means 'tree' and 'tree' means 'book', then where do the birds fly ?

- (a) sky (b) star
 (c) cloud (d) Data inadequate
 (e) None of these

DIRECTIONS (26-30) : Study the following information carefully and answer the questions given below :

An organisation wants to recruit Management Trainees. Following are the criteria for such recruitment. The candidate must be –

- (a) a graduate in any discipline with at least 65 per cent marks.
- (b) above 24 years and not above 30 years of age as on 01.11.2012.
- (c) having a postgraduate degree/diploma in management or completed ICWA/CA/CS with at least 55 per cent marks.
- (d) having an experience of 0–2 years.
- (e) ready to be on probation for one year.

If a candidate satisfies all the criteria **except**—

- (i) at (c) above but is an engineer with minimum 70 per cent marks his/her case is to be referred to AGM-PA.
- (ii) at (d) above but has secured at least 70 per cent marks in postgraduation his/her case is to be referred to the GM – PA.

Based on the above criteria and information provided below, make a decision in each case. You are not to assume anything. If the data given are not enough to take a decision mark your answer as 'data inadequate'. These cases are given to you as on 31.10.2012.

Mark answer (1) if candidate is to be referred to AGM-PA.

Mark answer (2) if data given is not sufficient to take any decision.

Mark answer (3) if candidate is to be selected

Mark answer (4) if candidate is to be referred to GM-PA.

Mark answer (5) if candidate is not to be selected.

- 26. Rajesh Chopra is a Postgraduate in Management with 60 per cent marks and has been working since June 2011. He was born on 13th September, 1988. He is ready to work on probation of one year.
- 27. Roop Kamal is an Arts graduate and C.A. both with 66 per cent marks. He has been working from January 2012 and is ready to join on probation of one year. His date of birth is 3rd January, 1988.
- 28. Indira Narayan is a Commerce graduate and postgraduate in finance both with 68 per cent marks. She was born on 26th September, 1983. She has been working from April 2011.
- 29. Darshan Patil is Commerce graduate and postgraduate in finance both with 60 per cent marks. He is 26 years old and has been working from November 2011. He is ready to join on probation for one year.
- 30. Vanitha Mittal is Commerce graduate with 68 per cent marks and she has completed her MBA with 70 per cent marks in 2011. Her date of birth is 30th August, 1988 and she is ready to work on probation for one year.

DIRECTIONS (31-35) : Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the questions. Read both the statements and—

Give answer (1) if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.

Give answer (2) if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

Give answer (3) if the data either in Statement I alone or in Statement II alone are sufficient to answer the question.

Give answer (4) if the data in both the Statements I and II are not sufficient to answer the question.

Give answer (5) if data in both the Statements I and II together are necessary to answer the question.

- 31. What is the code for 'is' in the code language ?
I. In the code language 'shi tu ke' means 'pen is blue'.
II. In the same code language 'ke si re' means 'this is wonderful'.
- 32. Which train did Harish catch to go to office ?
I. Harish missed his usual train of 10.25 a.m. A train comes in every 5 minutes.
II. Harish did not catch the 10.40 a.m. train or any train after that time.
- 33. How is Vandana related to Prabha ?
I. Mallika's sister Vandana is Rajesh's wife. Prabha is Rajesh's good friend.
II. Prabha is Rajesh's brother's wife and Vandana is Rajesh's wife.
- 34. Who earns the highest among the five friends ?
I. Priya earns more than Pinky and Sheetal and less than only Shilpa.
II. Sheetal earns more than Neetu but less than Pinky.
- 35. Who is sitting to the immediate right of Tanvi among five friends sitting around a circle facing the centre ?
I. Ansh is sitting exactly between Bindu and Suresh and Neel is sitting to the immediate right of Suresh.
II. Tanvi is sitting exactly between Bindu and Neel and Ansh is sitting to the immediate right of Bindu.

DIRECTIONS (36-40) : Study the following information carefully and answer the questions given below :

Seven people N, K, T, B, M and R have their weekly offs on different days of the week i.e. Sunday, Monday, Tuesday, Wednesday Thursday, Friday and Saturday not necessarily in that order. Each of them has a liking for different cuisine i.e. Indian, Italian, Mexican, Chinese, Spanish, Continental and Thai, not necessarily in that order. K likes Thai food and gets his weekly off on Thursday. B likes Italian food and does not have off on Sunday. M has weekly off on Saturday and R has his weekly off on Tuesday. W likes continental food whereas the one who has weekly off on Monday likes Mexican cuisine. T does not like Spanish cuisine and has weekly off on Wednesday. The one who likes Indian food does not have a weekly off on Tuesday or Wednesday.

- 36. Who has a weekly off on Friday ?
(a) T (b) R
(c) W (d) Data inadequate
(e) None of these
- 37. What cuisine does R like ?
(a) Continental (b) Indian
(c) Italian (d) Spanish
(e) None of these
- 38. On which day does N have weekly off ?
(a) Tuesday (b) Friday
(c) Monday (d) Sunday
(e) None of these
- 39. Who likes Chinese cuisine ?
(a) T (b) B
(c) R (d) N
(e) None of these
- 40. On which day does W have weekly off ?
(a) Monday (b) Sunday
(c) Wednesday (d) Data inadequate
(e) None of these

QUANTITATIVE APTITUDE

DIRECTIONS (41-45) : What should come in place of the question mark (?) in the following questions ?

41. $2^{0.2} \times 64 \times 8^{1.3} \times 4^{0.2} = 8^?$
 (a) 2.7 (b) 2.5
 (c) 3.7 (d) 3.2
 (e) None of these
42. $83\% \text{ of } 6242 \times 12\% \text{ of } 225 = ?$
 (a) 146286.42 (b) 134263.18
 (c) 139883.22 (d) 1562218.23
 (e) None of these
43. $1\frac{1}{8} + 1\frac{6}{7} + 3\frac{3}{5} = ?$
 (a) $8\frac{121}{140}$ (b) $6\frac{163}{280}$
 (c) $9\frac{197}{280}$ (d) $7\frac{117}{140}$
 (e) None of these
44. $? \div 25 \div 12 = 248.76$
 (a) 74628 (b) 497.52
 (c) 62452 (d) 870.66
 (e) None of these
45. $(73)^3 = ?$
 (a) 365127 (b) 298627
 (c) 305867 (d) 389017
 (e) None of these

DIRECTIONS (46-50) : What should come in place of question mark (?) in the following number series ?

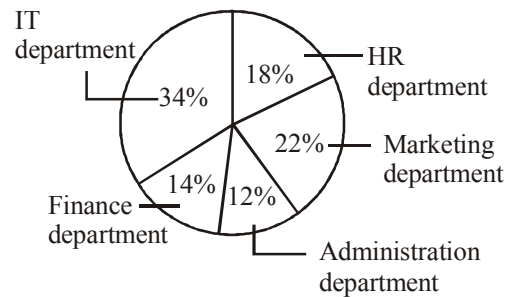
46. 3 4 12 ? 576 27648
 (a) 64 (b) 96
 (c) 36 (d) 52
 (e) None of these
47. 4 12 60 420 ? 60060
 (a) 4620 (b) 3780
 (c) 4200 (d) 5040
 (e) None of these
48. 6 349 565 ? 754 781
 (a) 629 (b) 590
 (c) 601 (d) 690
 (e) None of these
49. 1.5 420 128 ? 10505
 (a) 1044 (b) 1048
 (c) 1548 (d) 1052
 (e) None of these
50. 89250 17850 7140 1428 571.2 ?
 (a) 228.48 (b) 126.12
 (c) 114.24 (d) 246.48
 (e) None of these

DIRECTIONS (51-55) : Study the pie-charts carefully to answer the questions that follow :

Per cent of employees and women working in different Departments of an Organisation.

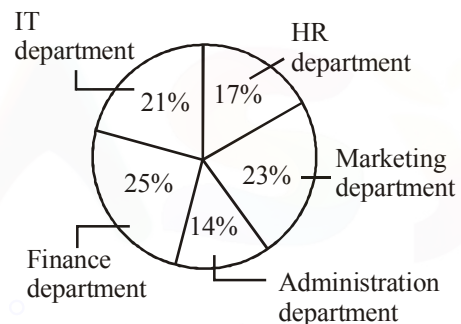
Percentage of employees working in different departments

N = 8450 = Total no. of employees



Percentage of women working in different departments

Total no. of women = 3500



51. Which department has the lowest number of Men working in it ?
 (a) HR (b) Marketing
 (c) Administration (d) Finance
 (e) IT
52. What is the average number of Men working in different departments in the organisation?
 (a) 890 (b) 900
 (c) 1020 (d) 780
 (e) None of these
53. What is the respective ratio of number of women working in Administration department to the total number of employees working in that department ?
 (a) 6 : 7 (b) 245 : 507
 (c) 7 : 6 (d) 243 : 322
 (e) None of these
54. Number of women working in the Finance & IT department together form what per cent of total number of employees in the organisation? (rounded off to two digits after decimal)
 (a) 19.05 (b) 26.78
 (c) 95.83 (d) 59.21
 (e) None of these
55. What is the number of men working in the HR department?
 (a) 794 (b) 823
 (c) 926 (d) 683
 (e) None of these

DIRECTIONS (56-60): Study the table carefully and answer the questions that follow.

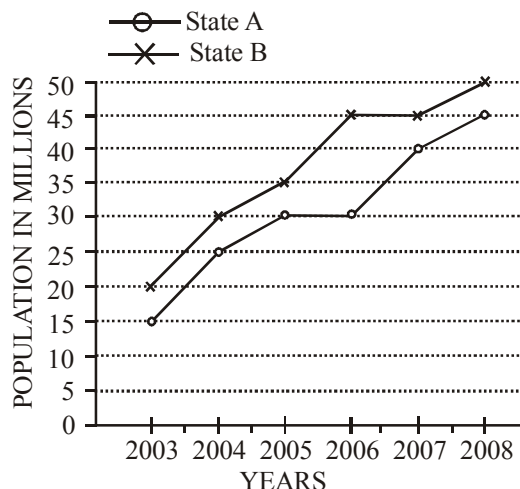
Number of applications received (in hundreds) for six different specialist posts by six different Banks in a year

Specialist post Bank	P	Q	R	S	T	U
A	25.5	38.4	43.7	18.8	28.3	40.6
B	35.3	44.2	42.0	26.6	31.2	35.9
C	38.8	41.1	38.6	23.9	24.4	23.3
D	26.6	39.6	47.2	15.4	38.9	28.5
E	29.0	35.5	30.3	29.1	42.0	20.9
F	32.3	33.4	37.8	22.4	30.3	41.8

56. Number of applications received for Specialist post T by Bank C is **approximately** what per cent of that received by B?
 (a) 58 (b) 78
 (c) 63 (d) 86
 (e) 92
57. What is the respective ratio of number of applications received by Bank D, E & F for Specialist post S to that received by Banks A, B & C for the same?
 (a) 223:231 (b) 215:283
 (c) 231:223 (d) 283:215
 (e) None of these
58. Which Bank has received the lowest number of applications for all Specialist posts together?
 (a) D (b) A
 (c) C (d) E
 (e) None of these
59. What is the average number of applications received by Bank F for all the Specialist posts together?
 (a) 33 (b) 3450
 (c) 3300 (d) 34.5
 (e) None of these
60. Which Specialist post had the maximum number of applicants from all Banks together?
 (a) P (b) Q
 (c) T (d) U
 (e) None of these

DIRECTIONS (61-65): Study the following graph carefully to answer these questions:

POPULATIONS OF TWO STATES (IN MILLIONS) OVER THE YEARS



61. For state B the per cent rise in population from the previous year was the highest in which of the following years?
 (a) 2008 (b) 2006
 (c) 2005 (d) 2004
 (e) 2007
62. What was the average population of state B (in millions) for all the years together?
 (a) 38.5 (b) 28.5
 (c) 35 (d) 26
 (e) 37.5
63. What is the per cent rise in population of state A in 2007 from the previous year?
 (a) 25 (b) $33\frac{1}{3}$
 (c) 33 (d) $25\frac{1}{3}$
 (e) None of these
64. What is the ratio between the total populations of states A and B respectively for all the years together?
 (a) 37:45 (b) 37:43
 (c) 43:37 (d) 45:37
 (e) None of these
65. Population of state A in 2005 is what per cent of its total population for all the years together?
 (a) $17\frac{8}{33}\%$ (b) $16\frac{5}{33}\%$
 (c) $16\frac{8}{37}\%$ (d) $17\frac{8}{37}\%$
 (e) None of these
66. Area of a rectangle is equal to the area of the circle whose radius is 21 cms. If the length and the breadth of the rectangle are in the ratio of 14 : 11 respectively, what is its perimeter?
 (a) 142 cms. (b) 140 cms.
 (c) 132 cms. (d) 150 cms.
 (e) None of these
67. Shri Ramlal purchased a TV set for ₹ 12,500 and spent ₹ 300 on transportation and ₹ 800 on installation. At what price should he sell it so as to earn an overall profit of 15%?
 (a) ₹ 14,560 (b) ₹ 14,375
 (c) ₹ 15,460 (d) ₹ 15,375
 (e) None of these
68. Three girls start jogging from the same point around a circular track and each one completes one round in 24 seconds, 36 seconds and 48 seconds respectively. After how much time will they meet at one point?
 (a) 2 minutes, 20 seconds
 (b) 2 minutes, 24 seconds
 (c) 4 minutes, 12 seconds
 (d) 3 minutes, 36 seconds
 (e) None of these
69. A 240-metre long train running at the speed of 60 kmph will take how much time to cross another 270-metre long train running in opposite direction at the speed of 48 kmph?
 (a) 17 seconds (b) 3 seconds
 (c) 12 seconds (d) 8 seconds
 (e) None of these

70. Sarita started a boutique investing an amount of ₹ 50,000. Six months later Neeta joined her with an amount of ₹ 80,000. At the end of one year they earned a profit of ₹ 18,000. What is Sarita's share in the profit ?
 (a) ₹ 9000 (b) ₹ 8000
 (c) ₹ 12000 (d) ₹ 10000
 (e) None of these
71. A alone can make 100 baskets in 6 days and B alone can make 100 baskets in 12 days. In how many days can A and B together make 100 baskets?
 (a) 3 days (b) 5 days
 (c) $2\frac{1}{2}$ days (d) $3\frac{1}{2}$ days
 (e) None of these
72. Samir's age is one-fourth of his father's age and two-third of his sister Reema's age. What is the ratio of the ages of Samir, Reema and their father respectively?
 (a) 3 : 2 : 8 (b) 3 : 4 : 8
 (c) 2 : 3 : 8 (d) 4 : 3 : 8
 (e) None of these

DIRECTIONS (73-75) : Study the information carefully to answer the questions that follow.

A bucket contains 8 red, 3 blue and 5 green marbles.

73. If 4 marbles are drawn at random, what is the probability that 2 are red and 2 are blue ?
 (a) $\frac{11}{16}$ (b) $\frac{3}{16}$
 (c) $\frac{11}{72}$ (d) $\frac{3}{65}$
 (e) None of these
74. If 2 marbles are drawn at random, what is the probability that both are green ?
 (a) $\frac{1}{8}$ (b) $\frac{5}{16}$
 (c) $\frac{2}{7}$ (d) $\frac{3}{8}$
 (e) None of these
75. If 3 marbles are drawn at random, what is the probability that none is red ?
 (a) $\frac{3}{8}$ (b) $\frac{1}{16}$
 (c) $\frac{1}{10}$ (d) $\frac{3}{16}$
 (e) None of these

DIRECTIONS (76-80) : In the following questions two equations numbered I and II are given. You have to solve both equations and

Give answer if

- (a) $x > y$ (b) $x \geq y$
 (c) $x < y$ (d) $x \leq y$
 (e) $x = y$
 or the relationship cannot be established

76. I. $x^2 - 7x + 10 = 0$
 II. $y^2 + 11y + 10 = 0$
77. I. $x^2 + 28x + 192 = 0$
 II. $y^2 + 16y + 48 = 0$
78. I. $2x - 3y = -3.5$
 II. $3x - 2y = -6.5$
79. I. $x^2 + 8x + 15 = 0$
 II. $y^2 + 11y + 30 = 0$
80. I. $x = \sqrt{3136}$
 II. $y^2 = 3136$

GENERAL AWARENESS

81. Which of the following is NOT a measure to control Inflation adopted by the Government and/or RBI ?
 (a) Monetary Policy (b) Fiscal Policy
 (c) Financial Inclusion (d) Price Control
 (e) Bank Rate Policy
82. As we all know the Wholesale Price Index is divided in five main commodity groups. Which of the following is NOT considered separately as a group while calculating Wholesale Price Index (WPI) ?
 (a) Services and/or Production by Public Sector Units
 (b) Agriculture
 (c) Import and Exports
 (d) Mining
 (e) Manufacturing
83. In terms of the economics, the total value of the output (goods and services) produced and income received in a year by domestic residents of a country put together is called
 (a) Net National Product
 (b) Gross National Product
 (c) Gross National Income
 (d) National Income
 (e) None of these
84. Which of the following schemes was launched a few years ago to provide wage employment to the rural people in India (The programme is being run successfully in addition to MNREGA) ?
 (a) Indira Awas Yojana
 (b) Accelerated Rural Water Supply Programme
 (c) Total Sanitation Campaign
 (d) Sampoorna Grameen Rozgar Yojana
 (e) Pradhan Mantri Gram Sadak Yojana
85. Which of the following is TRUE about the Rajiv Gandhi National Drinking Water Mission ?
 (A) To provide safe drinking water in urban slums
 (B) To provide sustainable safe drinking water in rural areas
 (C) To provide sustainable and safe drinking water in those parts of the country where ample water is not available like coastal areas and desert areas.
 (a) Only A (b) Only B
 (c) Only C (d) All A, B and C
 (e) None of these

86. Which of the following is **True** about the India –USA agreement on developing gas resources ?
 (A) Both the nations will cooperate in exploiting gas hydrates in Krishna, Godavari and Mahanadi basins and deep sea of Andaman.
 (B) USA will help in establishment of an IIT exclusively for research and training in the areas of gas technology.
 (C) India will send its experts to find out more gas reserves in various parts of USA particularly in deep sea of Alaska as they have special training in the same.
 (a) Only A (b) Only B
 (c) Only C (d) All A, B and C
 (e) None of these
87. Rural sanitation programme of the Central Government is a very popular programme in India. Which of the following was/were the objective (s) of the same ?
 (A) To provide home sanitation
 (B) To provide disposal of garbage
 (C) To provide wage employment to poor of society in rural areas
 (a) Only A (b) Only B
 (c) Only C (d) Both A and C
 (e) All A, B and C
88. Which of the following is/are **true** about the economy of China ?
 (A) China as a country is rich but Chinese are not so.
 (B) China's growth strategy has been based mainly on exports.
 (C) Despite attaining rapid growth and also bringing millions of people out of poverty, China remains a poor country.
 (a) Only A (b) Only B
 (c) Only C (d) Both A and C
 (e) All A, B and C
89. Who amongst the following is the author of the book "What I Require from Life" ?
 (a) J.B.S. Haldane (b) Nirupam Sen
 (c) Sonal Shah (d) Sonia Gandhi
 (e) Manmohan Singh
90. Which of the following is / are major reforms the Government has introduced in Banking Sector ?
 (A) Dismantling the complex system of interest rate controls.
 (B) Eliminating prior approval of the RBI for large loans.
 (C) Introduction of capital adequacy norms and few other prudential norms
 (a) Only A (b) Only B
 (c) Only C (d) All A, B and C
 (e) None of these
91. Which of the following is/are recent trends noticed in Indian economy that have raised concern about food security, farmer's income and poverty ?
 (A) Slowdown in growth in agriculture sector
 (B) Widening economic disparities between irrigated and rainfed areas
 (C) Increased non agricultural demand for land and water as a result of fast urbanisation
 (a) Only A (b) Only B
 (c) Only C (d) All A, B and C
 (e) None of these
92. As per the reports in various newspapers/magazines etc. the agricultural productivity in India is low in comparison to other countries. What are the main reasons of the same?
 (A) Lack of credit and marketing facilities
 (B) Uneconomic holdings
 (C) Outdated agricultural techniques
 (a) Only A (b) Only B
 (c) Only C (d) Both A and C
 (e) All A, B and C
93. An insurance scheme for the agriculture sector was introduced by the Government of India. Which of the following represents the name of the same?
 (a) NAIS (b) RIDF
 (c) ALCIL (d) CACP
 (e) None of these
94. Which of the following ministries lays down the policies and programmes for the development and regulation of the country's water resources ?
 (a) Ministry of Rural Development
 (b) Ministry of Agriculture
 (c) Ministry of Environment and Forests
 (d) Ministry of Tribal Affairs
 (e) Ministry of Water Resources
95. Which of the following phenomenon is also known as climatic Migration ?
 (a) White Revolution (b) Green Revolution
 (c) Global Warming (d) Urbanisation
 (e) None of these
96. The G-20 is grouping of world's most powerful 20 countries. In terms of economic representation, what percentage world's economy is represented by G-20 nations ?
 (a) 50% (b) 60%
 (c) 85% (d) 70%
 (e) None of these
97. India is a permanent Member of which of the following organisations ?
 (a) NATO (b) Non Aligned Movement
 (c) G-8 (d) OPEC
 (e) None of these
98. Which of the following commissions is formed in order to guard against predatory and collusive behaviour of the business organisations and protect the interest of business organisations in order to promote economic efficiency in the country ?
 (a) Knowledge Commission
 (b) Farmers Commission
 (c) Administrative Reforms Commission
 (d) Labour Commission
 (e) Competition Commission
99. Which of the following is correct about the Rajiv Gandhi Grameen Vidyutikaran Yojana?
 (A) The scheme was launched in few backward states only.
 (B) The aim of the scheme was to provide electricity to all villages having a population of 5000 and above.
 (C) The scheme achieved its target in less than 10 years time.
 (a) Only A (b) Only B
 (c) Only C (d) All A, B and C
 (e) None of these

100. Some agro processing units make an advance agreement with the farmers and decide to purchase the entire production of certain fruits, vegetables and medicinal plants on an agreed upon cost/price. This type of arrangement is known as ____.
- (a) Import farming (b) Crop farming
(c) Adoptive farming (d) Loan farming
(e) Contract farming
101. India's first fully dedicated university for Humanities is established in ____.
- (a) Lucknow (b) Delhi
(c) Jaipur (d) Mumbai
(e) Hyderabad
102. National Food Security Management scheme was launched by the Government of India to achieve which of the following ?
- (A) Demonstration of improved production technology
(B) Distribution of high yield variety seeds
(C) To distribute fertilizer subsidy to farmers directly in cash
- (a) Only (A) (b) Only (B)
(c) Only (C) (d) Both (A) and (B)
(e) All (A), (B) and (C)
103. What is the full form of CFSA as used in financial sectors?
- (a) Corporation of Farmers and Subsidiary Allocation
(b) Committee on Financial Sector Assessment
(c) Committee on farming sector and Agronomy
(d) Commission to Float Scientific Agriculture
(e) None of these
104. Which of the following terms is NOT used in cricket ?
- (a) Hoops (b) Maiden over
(c) Stumped (d) Hatrick
(e) Gulleys
105. 'Malegaon' which was in news recently is a town in
- (a) Bihar (b) Gujarat
(c) Madhya Pradesh (d) Chhattisgarh
(e) Maharashtra
106. 'TRAI' the name which we read very often in the newspapers is a regulatory body associated with which of the following sectors ?
- (a) Transport (b) Travel & Tourism
(c) Technical Education (d) Telecom
(e) None of these
107. Iron ore is found mainly in which of the following states?
- (a) Uttar Pradesh (b) West Bengal
(c) Jharkhand (d) Uttarakhand
(e) Haryana
108. Which of the following diseases is **NOT** caused by a virus?
- (a) Cancer
(b) Rabies
(c) AIDS
(d) Severe Acute Respiratory Syndrome (SARS)
(e) Influenza
109. Angelina Jolie who was on a visit to India recently is associated with which of the following areas ?
- (a) Journalism (b) Sports
(c) Politics (d) Films
(e) Social Service
110. Which of the following dance forms can not be called a classical dance ?
- (a) Kathak (b) Kuchipudi
(c) Manipuri (d) Odissi
(e) Ghumar
111. Bill Gates is associated with which of the following companies ?
- (a) Infosys (b) Microtech
(c) Intel (d) Google
(e) None of these
112. Which of the following is NOT a major IT company of India?
- (a) HAL (b) TCS
(c) Infosys (d) NIIT
(e) Wipro
113. The present band approved by Reserve Bank of India between REPO and reverse REPO is
- (a) 0.5% (b) 1%
(c) 1.5% (d) 0.75%
(e) None of these
114. The first set of Fourteen Nationalized Banks were nationalized in the year
- (a) 1947 (b) 1955
(c) 1969 (d) 1973
(e) 1981
115. Term LIBOR is related with which of the following?
- (a) Stock market prices (b) Commodity prices
(c) Sensitive advances (d) Interest rates
(e) None of these
116. Which are the two critical variables that generally go into monetary planning by RBI ?
- (a) Demand and interest rates
(b) Growth and Inflation
(c) Price and supply
(d) Growth and interest rates
(e) Movement in money market
117. Who among the following was selected for the Tagore Award for Cultural Harmony in July 2013?
- (a) Zubin Mehta (b) Shiamak Dawar
(c) MS Chandramukhi (d) P K Iyengar
(e) None of these
118. Tennis star Marion Bartoli who won the women's singles title at Wimbledon 2013 announced her retirement on August 14, 2013. Bartoli is the native of
- (a) Czech Republic (b) Serbia
(c) France (d) Argentina
(e) None of these
119. What was the rank of India in the Global Innovation Index 2013 published in July 2013 ?
- (a) 65th (b) 66th
(c) 67th (d) 68th
(e) 70th
120. The annual supplement to the Foreign Trade Policy (FTP) 2009-14, announced by the Commerce and Industry Ministry on April 18, 2013 added 47 new products under MLF- PS. What is the full form of MLFPS?
- (a) Market - Linked Focus Product Scheme
(b) Market - Linked Foreign Product Scheme
(c) Moratorium - Linked Focus Product Securitisation
(d) Market - Liquidity Finance Parity Scheme
(e) Market - Linked Future Product Scheme

COMPUTER KNOWLEDGE

121. To move to the beginning of a line of text, press the ____ key.
 (a) pageup (b) a
 (c) home (d) enter
 (e) None of these
122. Computers use the ____ number system to store data and perform calculations.
 (a) binary (b) octal
 (c) decimal (d) hexadecimal
 (e) None of these
123. Physical components that make up your computer are known as
 (a) Operating System (b) Software
 (c) Hardware (d) Web Browsers
 (e) None of these
124. Which key is used in combination with another key to perform a specific task?
 (a) function (b) space bar
 (c) arrow (d) control
 (e) None of these
125. Ctrl, Shift and Alt are called ____ keys.
 (a) modifier (b) function
 (c) alphanumeric (d) adjustment
 (e) None of these
126. The pattern of printed lines on most products are called ____.
 (a) prices (b) OCR
 (c) scanners (d) barcodes
 (e) None of these
127. What is the permanent memory built into your computer called?
 (a) RAM (b) ROM
 (c) CPU (d) CD-ROM
 (e) None of these
128. Various applications and documents are represented on the Windows desktop by ____.
 (a) Symbols (b) Labels
 (c) Graphs (d) Icons
 (e) None of these
129. Passwords enable users to ____.
 (a) get into the system quickly
 (b) make efficient use of time
 (c) retain confidentiality of files
 (d) simplify file structures
 (e) None of these
130. When sending an e-mail, the ____ line describes the contents of the message.
 (a) subject (b) to
 (c) contents (d) cc
 (e) None of these
131. An ____ is a program that makes the computer easier to use.
 (a) utility (b) application
 (c) operating system (d) network
 (e) None of these
132. The ____ tells the computer how to use its components.
 (a) utility (b) network
 (c) application program (d) operating system
 (e) None of these
133. Files deleted from the hard disk are sent to the ____.
 (a) Recycle Bin (b) floppy disk
 (c) clipboard (d) motherboard
 (e) None of these
134. A ____ is a named set of characters that have the characteristics.
 (a) type face (b) type style
 (c) font (d) pico
 (e) None of these
135. A ____ pre-designed document that already has coordinating fonts, a layout, and a background.
 (a) guide (b) model
 (c) ruler (d) template
 (e) None of these
136. The instructions that tell a computer how to carry out the processing tasks are referred to as computer ____.
 (a) programs (b) processors
 (c) input devices (d) memory modules
 (e) None of these
137. RAM can be thought of as the ____ for the computer's processor.
 (a) factory (b) operating room
 (c) waiting room (d) planning room
 (e) None of these
138. C, BASIC, COBOL, and Java are examples of ____ languages.
 (a) low-level (b) Computer
 (c) System programming (d) High-level
 (e) None of these
139. An area of a computer that temporarily holds data waiting to be processed is ____.
 (a) CPU (b) Memory
 (c) Storage (d) File
 (e) None of these
140. A ____ is a microprocessor-based computing device.
 (a) personal computer (b) mainframe
 (c) workstation (d) server
 (e) None of these
141. The taskbar is located ____.
 (a) on the Start menu
 (b) at the bottom of the screen
 (c) on the Quick Launch toolbar
 (d) at the top of the screen
 (e) None of these
142. Generally, you access the Recycle Bin through an icon located ____.
 (a) on the desktop
 (b) on the hard drive
 (c) on the shortcut menu
 (d) in the Properties dialog box
 (e) None of these
143. A MODEM is connected in between a telephone line and a ____.
 (a) Network
 (b) Computer
 (c) Communication Adapter
 (d) Serial Port
 (e) All of these

144. Where is data saved permanently ?
 (a) Memory (b) Storage
 (c) CPU (d) Printer
 (e) None of these
145. Changing an existing document is called ____ the document.
 (a) creating (b) editing
 (c) modifying (d) adjusting
 (e) None of these
146. Which is not a basic function of a computer ?
 (a) Copy text (b) Accept input
 (c) Process data (d) Store data
 (e) None of these
147. The ____ is the box that houses the most important parts of a computer system.
 (a) software (b) hardware
 (c) input device (d) system unit
 (e) None of these
148. The term ____ refers to data storage systems that make it possible for a computer or electronic device to store and retrieve data.
 (a) retrieval technology (b) input technology
 (c) output technology (d) storage technology
 (e) None of these
149. The term ____ refers to any computer component that is required to perform work.
 (a) bootstrap (b) kernel
 (c) resource (d) source code
 (e) None of these
150. A computer system includes ____.
 (a) hardware (b) software
 (c) peripheral devices (d) All of these
 (e) None of these
151. ____ is the maximum amount of data that can be stored on a storage medium.
 (a) Magnetic storage (b) Optical storage
 (c) Solid – state storage (d) Storage capacity
 (e) None of these
152. The ____ is responsible for performing calculations and contains decision-making mechanisms.
 (a) Central Processing Unit
 (b) Memory Unit
 (c) Arithmetic and Logic Unit
 (d) Output Unit
 (e) None of these
153. A ____ is a large and expensive computer capable of simultaneously processing data for hundreds or thousands of users.
 (a) handheld computer (b) mainframe computer
 (c) personal computer (d) tablet computer
 (e) None of these
154. Which process checks to ensure the components of the computer are operating and connected properly?
 (a) Booting (b) Processing
 (c) Saving (d) Editing
 (e) None of these
155. Unsolicited commercial email is commonly known as
 (a) spam (b) junk
 (c) hoaxes (d) hypertext
 (e) None of these
156. ____ is processed by the computer into information.
 (a) numbers (b) processor
 (c) input (d) data
 (e) None of these
157. A web site address is a unique name that identifies a specific ____ on the web.
 (a) web browser (b) web site
 (c) PDA (d) link
 (e) None of these
158. A device that connects to a network without the use of cables is said to be
 (a) distributed (b) centralised
 (c) open source (d) wireless
 (e) None of these
159. Editing a document consists of reading through the document you've created, then
 (a) correcting your errors (b) printing it
 (c) saving it (d) deleting it
 (e) None of these
160. The Internet allows you to
 (a) send electronic mail
 (b) view web pages
 (c) connect to servers all around the world
 (d) All of these
 (e) None of these

ENGLISH LANGUAGE

DIRECTIONS (161–175) : Read the following passage carefully and answer the question given below it. Certain words have been printed in **bold** to help you locate them while answering some of the questions.

Agriculture has always been celebrated as the primary sector in India. Thanks to the Green Revolution, India is now self-sufficient in food production. Indian agriculture has been making technological advancement as well. Does that mean everything is looking **bright** for Indian agriculture ? A **superficial** analysis of the above points would tempt one to say yes, but the truth is far from it. The reality is that Indian farmers have to face extreme poverty and financial crisis, which is driving them to suicides. What are the **grave** adversities that drive the farmers to commit suicide, at a time when Indian economy is supposed to be gearing up to take on the world ?

Indian agriculture is predominantly dependent on nature. Irrigation facilities that are currently available, do not cover the entire cultivable land. If the farmers are at the mercy of monsoons for timely water for their crops, they are at the mercy of the government for alternative irrigation facilities. Any failure of nature, directly affects the fortunes of the farmers. Secondly, Indian agriculture is largely an unorganised sector, there is no systematic planning in cultivation, farmers work on lands of uneconomical sizes, institutional finances are not available and minimum purchase prices of the government do not in reality reach the poorest farmer. Added to this, the cost of agricultural

inputs have been steadily rising over the years, farmers' margins of profits have been **narrowing** because the price rise in inputs is not complemented by an increase in the purchase price of the agricultural produce. Even today, in several parts of the country, agriculture is a seasonal occupation. In many districts, farmers get only one crop per year and for the remaining part of the year, they find it difficult to make both ends meet.

The farmers normally resort to borrowing from money lenders, in the absence of institutionalized finance. Where institutional finance is available, the ordinary farmer does not have a chance of availing it because of the **"procedures"** involved in disbursing the finance. This calls for removing the elaborate formalities for obtaining the loans. The institutional finance, where available is mostly availed by the medium or large land owners, the small farmers do not even have the awareness of the existence of such facilities. The money lender is the only source of finance to the farmers. Should the crops fail, the farmers fall into a debt trap and crop failures piled up over the years give them no other option than ending their lives.

Another disturbing trend has been observed where farmers commit suicide or deliberately kill a family member in order to avail relief and benefits announced by the government to support the families of those who have committed suicide so that their families could at least benefit from the Government's relief programmes. What then needs to be done to prevent this sad state of affairs? There cannot be one single solution to end the woes of farmers.

Temporary measures through monetary relief would not be the solution. The governmental efforts should be targeted at improving the entire structure of the small where in the relief is not given on a drought to drought basis, rather they are taught to overcome their difficulties through their own skills and capabilities. Social responsibility also goes a long way to help the farmers. General public, NGOs, Corporate and other organisations too can play a part in helping farmers by adopting drought affected villages and families and helping them to rehabilitate.

The nation has to realise that farmers' suicides are not minor issues happening in remote parts a few states, it is a reflection of the true state of the basis of our economy.

161. What does the author mean by "procedures" when he says that 'farmers do not get a chance of availing institutional finance because of procedures involved in it'?
- He refers to the government guideline of disbursing finance only to medium and large land owners?
 - Refers to the strict government rule of providing loans to only such farmers who can guarantee a default-free-tenure
 - The formalities to avail these facilities are enormous and too difficult for an ordinary farmer to understand
 - Refers to the danger farmers must face from the local money-lenders they availed the loan from government instead
 - None of these
162. Why have many farmers resorted to killing family members?
- It is difficult for the farmers to sustain their family's livelihood.
 - So that the killed family member may get rid of the persistent adversities.

- To avail relief package announced by the government to support the family of those who commit suicide.
- Only A
 - Only B
 - Only B and C
 - Only A and B
 - None of these

163. According to the author why does the situation of agricultural sector remain grim even after making several technological advances?
- Indian farmers continue to face adversities from nature as well as the government.
 - India has failed to match the technological advances taking place in the rest of the world
 - Natural calamities have been very frequent in India
 - Banks have failed to provide adequate loans to the farmers
 - None of these
164. Which of the following is **not true** in context of the passage?
- Many farmers struggle to sustain themselves after reaping one crop in a year
 - The government has relieved the farmers from any elaborate formalities while availing the loans
 - India was made self-sufficient in food production because of green revolution
 - Some farmers commit suicide in order to avail relief package from the government
 - None of these
165. What does the author suggest as opposed to providing temporary monetary relief to the farmers?
- To improve the entire agricultural setup in India instead of providing relief in the face of adversities.
 - Providing the local money lender with large amount of money so that small farmers can easily obtain loans from them.
 - Empowering the farmers so that they can sustain a livelihood throughout life without having to face the desperation that adversity drives them to.
- Only A
 - Only A and B
 - Only B
 - Only A and C
 - None of these
166. What are the adversities faced by Indian farmers according to the passage?
- Lack of adequate irrigation facilities
 - Ownership of only a small piece of land by a majority of farmers, which fails to generate any profit
 - Lack of financial help to the farmers
 - All of these
 - None of these
167. According to the passage why don't farmers avail the institutional finance facilities?
- Banks are not willing to provide loans to the farmers because of high risk associated with it
 - Many NGOs and corporate organisations provide them the loans in a hassle free manner
 - Most of the farmers do not need finance in large scale since they work on small size lands
 - The local money-lenders charge lower interest rates as compared to such financial facilities
 - None of these

168. According to the passage, how can general public lend a helping hand to the struggling farmers ?
- By adopting the affected families and helping them to rehabilitate
 - By acting as a relief worker in the drought hit areas
 - To provide help for building dams and better irrigation facilities
 - Not specified in the passage
 - None of these
169. Why is the profit margin of farmers narrowing even after increasing the minimum purchase price?
- The minimum purchase price of the government is too low to make any profit.
 - The quality of the inputs such as seeds and fertilizers is very poor.
 - There has been a continuous rise in the price of agricultural inputs which adversely affects the profit.
- Only A
 - Only B
 - Only C
 - Only A and C
 - None of these
170. What is the author's main objective in writing the passage?
- Criticising the policy of providing relief packages to the family of farmers who commit suicide
 - To appeal to the non institutional money lenders for providing loans to farmers in a hassle-free manner
 - To applaud the dauntless spirit of the farmers
 - To highlight the drawbacks in the agriculture sector
 - None of these

DIRECTIONS (171 – 173) : Choose the word which is **most similar** in meaning to the word printed in **bold** as used in the passage.

171. BRIGHT

- Glowing
- Radiant
- Dazzling
- Lustrous
- Promising

172. GRAVE

- Cemetery
- Fatal
- Severe
- Carve
- Trivial

173. WOES

- Suffering
- Tragedy
- Bitterness
- Anger
- Fear

DIRECTIONS (174-175) : Choose the word which is **most opposite** in meaning to the word printed in **bold** as used in the passage.

174. SUPERFICIAL

- Careless
- Profound
- Extreme
- Articulate
- Fear

175. NARROWING

- Broadening
- Stretching
- Changing
- Increasing
- Extending

DIRECTIONS (176-180) : Which of the phrases (a), (b d), (c d) and (d) given below each statement should replace the phrase printed in **bold** in the sentence to make it grammatically correct? If the sentence is correct as it is given and 'No correction is required', mark (e) as the answer.

176. The employees **offers to work** overtime without any compensation to increase the profit.
- offering to work
 - offer to working
 - offered for work
 - offered to work
 - No correction required
177. He donated his entire wealth to an orphanage since he didn't **have a children** of his own.
- have any children
 - had any child
 - has a child
 - has any children
 - No correction required
178. Psychologists are making best efforts **to understand the** reason behind unruly behaviour of adolescents.
- for understand the
 - to understanding the
 - to understands the
 - to understood the
 - No correction required
179. Although he is a reputed speaker, today his **speech were irrational** and full of ambiguities.
- speeches was irrational
 - speech was irrational
 - speech were irrational
 - speech are irrational
 - No correction required
180. **He was told for** report back to the camp in the middle of the holidays when the tension at the border aggravated.
- He is told to
 - He was telling to
 - He would told for
 - He was told to
 - No correction required

DIRECTIONS (181-185) : Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e) i.e. 'No Error'. (Ignore the errors of punctuation, if any).

181. He has been assigned (a)/ with that team (b)/ because he is (c)/ well qualified and experienced. (d)/ No error (e)
182. The company's new project (a)/ cannot be launched (b)/ unless the approval (c)/ of the Board. (d)/ No error (e)
183. Instead criticizing (a)/ why don't (b)/ you help (c)/ with the presentation ? (d)/ No error (e)
184. Mr. Sethi was (a)/ not given a promotion (b)/ because he is (c)/ frequent absent. (d)/ No error (e)
185. In spite of (a)/ so many hardships (b)/ Amar has managed (c) / to success. (d)/ No error (e)

DIRECTIONS (186-190): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- Thus rapid development is still unable to meet demand.
- Surplus funds from hikes in passenger fares and cuts in staff have made this possible.
- This demonstrates that it has been transformed into a modern high standard design and high service reliable system.

- (D) However China's railways are not problem free.
 (E) China's railways have been able to generate the funds needed for the construction of new railway lines internally.
 (F) For example at present about 2,80,000 cars are requested daily to transport goods but only half the requests can be met.

186. Which of the following is the **FIFTH** sentence after rearrangement ?

- (a) A (b) C
 (c) D (d) E
 (e) F

187. Which of the following is the **SIXTH (LAST)** sentence after rearrangement ?

- (a) A (b) B
 (c) C (d) D
 (e) F

188. Which of the following is the **SECOND** sentence after rearrangement ?

- (a) A (b) B
 (c) C (d) D
 (e) E

189. Which of the following is the **THIRD** sentence after rearrangement ?

- (a) A (b) B
 (c) C (d) E
 (e) F

190. Which of the following is the **FIRST** sentence after rearrangement ?

- (a) A (b) B
 (c) C (d) D
 (e) E

DIRECTIONS (191–200) : In the following passage there are blanks each of which has been numbered. These numbers are printed below the passage and against each five words are suggested one of which fits the blank appropriately. Find out the appropriate word in each case.

Although he is no longer alive, **(191)** his influence can be felt in the studio **(192)** he created cartoons and feature films which

made him known and **(193)** around the world. **(194)** many people who work to create humour he took it very seriously. He would sit sadly **(195)** the funniest cartoon concentrating on some way to improve it. Walt Disney **(196)** the opinions of those working with him but the **(197)** judgment was always his. He demanded a lot **(198)** people but he gave a lot too. When the economy was not doing well he gave every one a **(199)** and though some **(200)** of this, it gave his employees' morale a boost.

191. (a) yet (b) even
 (c) and (d) till
 (e) besides

192. (a) from (b) where
 (c) which (d) while
 (e) that

193. (a) respect (b) seen
 (c) loved (d) entertained
 (e) laughed

194. (a) for (b) to
 (c) without (d) not
 (e) like

195. (a) on (b) until
 (c) front (d) through
 (e) in

196. (a) saw (b) concluded
 (c) discussed (d) discouraged
 (e) valued

197. (a) final (b) ultimately
 (c) important (d) hasty
 (e) lasting

198. (a) by (b) from
 (c) with (d) to
 (e) many

199. (a) advance (b) share
 (c) fee (d) raise
 (e) profit

200. (a) credit (b) disapproved
 (c) criticized (d) offended
 (e) paid

HINTS & SOLUTIONS

(1 – 5):

$\Delta \Rightarrow <$	$\Sigma \Rightarrow \geq$	$@ \Rightarrow \leq$
$\odot \Rightarrow =$	$\# \Rightarrow >$	

1. (c) **Statements:**

$$R @ J \Rightarrow R \leq J$$

$$F \Sigma J \Rightarrow F \geq J$$

$$C \Sigma F \Rightarrow C \geq F$$

Therefore,

$$R \leq J \leq F \leq C$$

Conclusions:

$$\text{I. } R \odot C \Rightarrow R = C : \text{Not True} \quad \left. \begin{array}{l} \text{II. } C \# R \Rightarrow C > R : \text{Not True} \end{array} \right\} \text{Either}$$

So either conclusion I or II is true.

2. (a) **Statements:**

$$W @ P \Rightarrow W \leq P$$

$$W \# E \Rightarrow W > E$$

$$E \Delta V \Rightarrow E < V$$

Therefore,

$$V > E < W \leq P$$

So only conclusion is true.

Conclusions:

$$\text{I. } P \# E \Rightarrow P > E : \text{True}$$

$$\text{II. } V \odot W \Rightarrow V = W : \text{Not True}$$

So all the conclusions follow.

3. (e) **Statements:**

$$J \odot R \Rightarrow J = R$$

$$P \Sigma R \Rightarrow P \geq R$$

$$Z \# P \Rightarrow Z > P$$

Therefore,

$$J = R \leq P < Z$$

Conclusions:

$$\text{I. } R \Delta Z \Rightarrow R < Z : \text{True}$$

$$\text{II. } J @ P \Rightarrow J \leq P : \text{True}$$

So both the conclusions I and II are true. So all the conclusions follow.

4. (d) **Statements:**

$$G @ O \Rightarrow G \leq O$$

$$N \odot O \Rightarrow N = O$$

$$H \# G \Rightarrow H > G$$

Therefore,

$$H > G \leq O = N$$

Conclusions:

$$\text{I. } O \Delta H \Rightarrow O < H : \text{Not True}$$

$$\text{II. } G \odot N \Rightarrow G = N : \text{Not True}$$

So none of the conclusion follows.

5. (b) **Statements**

$$Q \Delta B \Rightarrow Q < B$$

$$M \odot B \Rightarrow M = B$$

$$K \Sigma M \Rightarrow K \geq M$$

Therefore,

$$Q < B = M \leq K$$

Conclusions:

$$\text{I. } K \odot B \Rightarrow K = B : \text{Not True}$$

$$\text{II. } Q \Delta K \Rightarrow Q < K : \text{True}$$

(6 – 10) : On the basis of given information, we can construct the following table :

Persons	Sex	Profession	Car
R	Male	Professor	Scorpio
M	Female	Travel Agent	Alto
T	Female	Air-Hostess	Ikon
S	Female	Doctor	Esteem
L	Male	Jeweller	Corolla
W	Male	Lawyer	Lancer
Z	Male	Consultant	Santro

6. (d) S owns Esteem who is a Doctor.

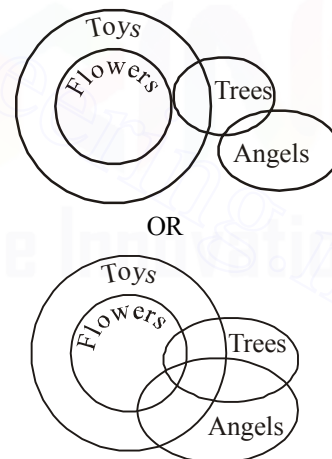
7. (c) W, the Lawyer, owns Lancer car.

8. (a) R is a Professor.

9. (b) S is the Doctor.

10. (b) The three ladies are : M, T and S.

11. (e)

**Conclusions:**

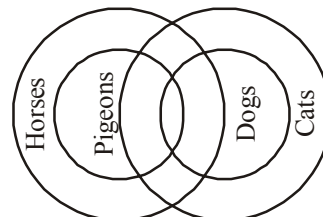
I. False

II. False

III. False

A + I \Rightarrow No conclusion. Hence none follows.

12. (a)

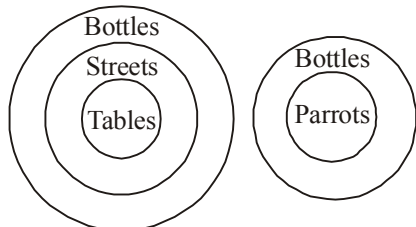


Conclusions:

- I. True
- II. True
- III. True

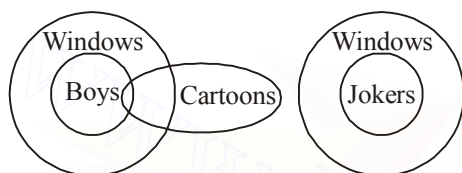
So all the conclusions follow.

13. (d)

**Conclusions:**

- I. False
- II. True
- III. True

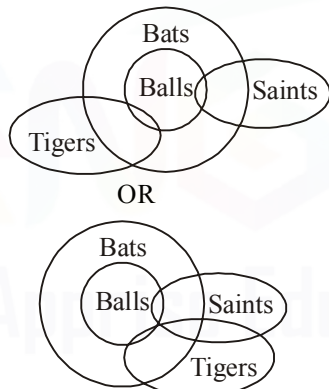
14. (b)

**Conclusions:**

- I. False
- II. True
- III. False

So only conclusion II follows.

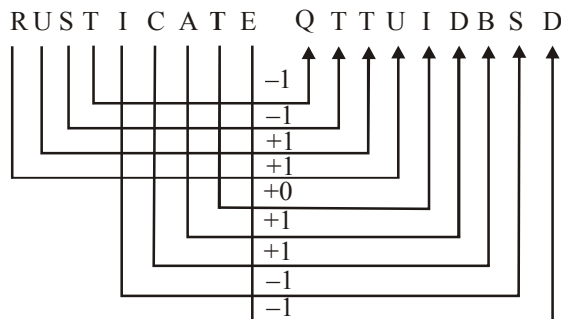
15. (c)

**Conclusions:**

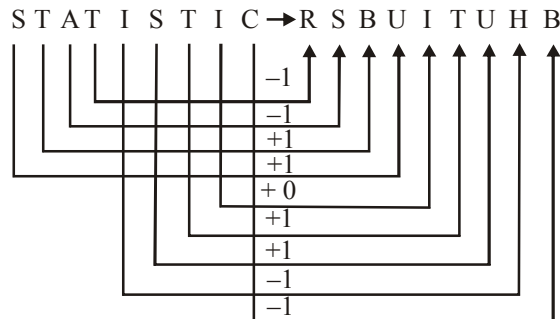
- I. True
- II. True
- III. False

So only conclusions I and II follow.

16. (c)



Therefore,



17. (e)

1 2 3 4 5 6 7 8 9 10
O M N I S C I E N T

Specified letters ⇒ M, S, I, T

Meaningful word

⇒ M I S T

Third letter

18. (d) Pineapple is grown underground.

19. (a) 5 14 9 7 13 1 20 9 3
E N I G M A T I C

20. (d)

5/1 6 3/9

Such combinations are :

163, 569, 163

21. (b)

Options (a)

L ↔ R
(+) (?)

B ↔ Q
(+)

The sex of R is not known

Option (b)

J ↔ R ↔ K
(+) Paternal uncle
B ↔ D
(+)

Option (c)

S ↔ B
(+) -Nephew
R ↔ P
(+)

Hence only (b) follows.

22. (d)

Statements (iii) and (iv) are superfluous because relationship between S and T is not required anywhere.

23. (c)

Except 63, all other numbers are Prime Numbers.

24. (a)

S A M B L E
↓ ↓ ↓ ↓ ↓ ↓
= / © \$ Σ %
S T A R
↓ ↓ ↓ ↓
= @ / £

Therefore,
T R E M B L E
↓ ↓ ↓ ↓ ↓ ↓ ↓
@ £ % © \$ Σ %

25. (b) Birds fly in sky. But here sky is called star.
(26-30):

CANDIDATE	CRITERIA							Ans
	(a)	(b)	(c) or (i)	(d) or (ii)	(e)			
Rajesh	NG	✓	✓	—	✓	—	✓	2
RoopKamal	✓	✓	✓	—	✓	—	✓	3
Indira	✓	✓	✓	—	✓	—	NG	2
Darshan	×	✓	✓	—	✓	—	✓	5
Vanitha	✓	✓	✓	—	—	✓	✓	4

26. (b) No information is given regarding the criterion (a).
27. (c) Roop Kamal does satisfy all the criteria.
28. (b) No information is given regarding the criterion (e).
29. (e) Darshan Patil does not satisfy criterion (a).
30. (d) Vanitha Mittal does satisfy (a), (b), (c), (ii) and (e).
31. (e) From statement I

Shi tu ke \Rightarrow pen is blue

From statement II

ke si re \Rightarrow this is wonder

From both statements

shi tu ke \Rightarrow pen is blue

ke is re \Rightarrow this is wonder.

code for is \Rightarrow ke

So data in both the statements together is necessary to answer the question.

32. (d) Both statements are not sufficient to answer the question
33. (b) From statement I

Mallika \leftrightarrow Vandana \leftrightarrow Rajesh
(-) (+)

Prabha is Rajesh's good friend

From statement II

Vandana \leftrightarrow Rajesh \leftrightarrow ? \leftrightarrow Prabha
(-) (+) (+) (-)

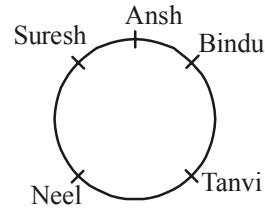
Sister-in-law

34. (e) From statement I
Shilpa > Priya > Pinky & Sheetal
From statement II
Pinky > Sheetal > Neetu
From both statements

Shilpa > Priya > Pinky > Sheetal > Neetu

↓
Earns highest

35. (a) From statement I



So only statement I sufficient to answer the question

- (36-40):

On the basis of given information we can construct the following table :

Persons	Offs	Cusine
N	Monday	Mexican Cusine
K	Thursday	Thai Food
T	Wednesday	Chinese
B	Friday	Italian Food
M	Saturday	Indian Food
W	Sunday	Continental Food
R	Tuesday	Spabnish Cusine

36. (e) B has weekly off on Friday.
37. (d) R likes Spanish cuisine.
38. (c) N has weekly off on Monday.
39. (a) T likes Chinese cuisine.
40. (b) W has weekly off on Sunday.
41. (e) $2^{0.2} \times 2^6 \times (2^3)^{1.3} \times (2^2)^{0.2} = (2^3)^?$

$$\Rightarrow (2)^{0.2+6+3.9+0.4} = 2^3?$$

$$\Rightarrow 3? = 10.5$$

$$\Rightarrow ? = \frac{10.5}{3} = 3.5$$

42. (c) $? = 6242 \times \frac{83}{100} \times 225 \times \frac{12}{100} = 139883.22$

43. (b) $? = \frac{9}{8} + \frac{13}{7} + \frac{18}{5}$
 $= \frac{315 + 520 + 1008}{280} = \frac{1843}{280} = 6 \frac{163}{280}$

44. (a) $\frac{?}{25 \times 12} = 248.76$
 $\Rightarrow ? = 25 \times 12 \times 248.76 = 74628$

45. (d) $? = (73)^3 = (70 + 3)^3$
 $= (70)^3 + (3)^3 + 3(70)^2(3) + 3(70)(3)^2$
 $= 343000 + 27 + 44100 + 1890 = 389017$
46. (e) The given series is based on the following pattern :
 $12 = 3 \times 4$
 $? = 12 \times 4 = \boxed{48}$
 $576 = 48 \times 12$
 $27648 = 576 \times 48$
Hence, 48 will replace the question mark.

47. (b) $4 \xrightarrow{\times 3} 12 \xrightarrow{\times 5} 60 \xrightarrow{\times 7} 420 \xrightarrow{\times 9} \boxed{3780}$
 $\downarrow \times 11$
41580

Hence, 3780 is the correct answer

48. (d) Identifying the pattern of given number series

$$6 \xrightarrow{+7^3} 349 \xrightarrow{+6^3} 565 \xrightarrow{+5^3} \boxed{690}$$

$$\downarrow +4^3$$

$$781 \xleftarrow{+3^3} 754$$

Hence, 690 is the correct answer.

49. (b) Identifying the pattern of given number series

$$1.5 \xrightarrow{\times 2 + 1^2} 4 \xrightarrow{\times 4 + 2^2} 20 \xrightarrow{\times 6 + 3^2} 129$$

$$\downarrow \times 8 + 4^2$$

$$10505 \xleftarrow{\times 10 + 5^2} 1048$$

So 10505 is the correct answer.

50. (c) The given series is based on the following pattern :

$$\begin{array}{ccccccc} 89250 & 17850 & 7140 & 1428 & 571.2 & 114.24 \\ \hline & \div 5 & \div 2.5 & \div 5 & \div 2.5 & \div 5 \end{array}$$

Hence, 114.24 will replace the question mark.

(51-55) :

HR department

$$\text{Total number of employees} = \frac{18}{100} \times 8450 = 1521$$

$$\text{Number of women} = \frac{17}{100} \times 3500 = 595$$

$$\text{Number of men} = 1521 - 595 = 926$$

Marketing department

$$\text{Total number of employees} = \frac{22}{100} \times 8450 = 1859$$

$$\text{Number of women} = \frac{23}{100} \times 3500 = 805$$

$$\text{Number of men} = 1859 - 805 = 1054$$

Administration department

$$\text{Total number of employees} = \frac{12}{100} \times 8450 = 1014$$

$$\text{Number of women} = \frac{14}{100} \times 3500 = 490$$

$$\text{Number of men} = 1014 - 490 = 524$$

Finance department

$$\text{Total number of employees} = \frac{14}{100} \times 8450 = 1183$$

$$\text{Number of women} = \frac{25}{100} \times 3500 = 875$$

$$\text{Number of men} = 1183 - 875 = 308$$

IT department :

$$\text{Total number of employees} = \frac{34}{100} \times 8450 = 2873$$

$$\text{Number of women} = \frac{21}{100} \times 3500 = 735$$

$$\text{Number of men} = 2873 - 735 = 2138$$

51. (d) Number of men in finance department = 308

52. (e) Required average = $\frac{926 + 1054 + 524 + 308 + 2138}{5}$
 $= \frac{4950}{5} = 990$

53. (b) Required ratio = 490 : 1014 = 245 : 507

54. (a) Number of women working in the Finance and IT department
 $= 875 + 735 = 1610$
Total number of employees = 8450

$$\text{Required percentage} = \frac{1610}{8450} \times 100 = 19.05$$

55. (c) Number of men working in HR department = 926

56. (b) Required percentage = $\frac{24.4}{31.2} \times 100 = 78.205 \approx 78$

57. (a) Number of applications received by the banks D, E and F for specialist post 'S'
 $= (15.4 + 29.1 + 22.4) \text{ hundreds} = 66.9 \text{ hundreds}$
Number of applications received by the banks A, B and C for specialist post 'S'
 $= (18.8 + 26.6 + 23.9) \text{ hundreds} = 69.3 \text{ hundreds}$
Required ratio = 66.9 : 69.3
 $= 669 : 693 = 223 : 231$

58. (d) Number of applications received by
 Bank A $\rightarrow 25.5 + 38.4 + 43.7 + 18.8 + 28.3 + 40.6$
 (hundreds)
 $= 195.3$ hundreds
 Bank D $\rightarrow 26.6 + 39.6 + 47.2 + 15.4 + 38.9 + 28.5$
 (hundreds)
 $= 196.2$ hundreds
 Bank E $\rightarrow 29 + 35.5 + 30.3 + 29.1 + 42 + 20.9$
 (hundreds)
 $= 186.8$ hundreds
 Bank F $\rightarrow 32.3 + 33.4 + 37.8 + 22.4 + 30.3 + 41.8$
 (hundreds)
 $= 198$ hundreds
 So Bank E had received lowest number of applicants.
59. (c) Required average $= \frac{19800}{6} = 3300$
60. (e) Number of applicants in all banks for post :
 Q $\rightarrow (38.4 + 44.2 + 41.1 + 39.6 + 35.5 + 33.4)$ hundreds
 $= 232.2$ hundreds
 R $\rightarrow (43.7 + 42.0 + 38.6 + 47.2 + 30.3 + 37.8)$
 hundreds
 $= 239.6$ hundreds
 U $\rightarrow (40.6 + 35.9 + 23.3 + 28.5 + 20.9 + 41.8)$ hundreds
 $= 191$ hundreds
 So specialist post R had received maximum number of applicants.
61. (d) It is obvious from the graph.
62. (e) Average population of state B over the years
 $= \left(\frac{20 + 30 + 35 + 45 + 45 + 50}{6} \right)$ million
 $= \frac{225}{6}$ million $= 37.5$ million
63. (b) Required percentage increase
 $= \frac{40 - 30}{30} \times 100$
 $= \frac{100}{3} = 33\frac{1}{3}\%$
64. (a) Total population of state A over the years
 $= (15 + 25 + 30 + 30 + 40 + 45)$ million
 $= 185$ million
 Total population of state B over the years $= 225$ million
 Required ratio $= 185 : 225 = 37 : 45$
65. (c) Required percentage $= \frac{30}{185} \times 100 = \frac{600}{37} = 16\frac{8}{37}\%$
66. (d) Area of rectangle = Area of circle
 $= \frac{22}{7} \times 21 \times 21 = 1386$ sq. cm.
 Let the length and breadth of rectangle be $14x$ and $11x$ cm respectively. Then
 $14x \cdot 11x = 1386$
 $\Rightarrow x^2 = \frac{1386}{14 \times 11} = 9$
 $\therefore x = \sqrt{9} = 3$
 \therefore Perimeter of rectangle $= 2(14x + 11x)$
 $= 50x = 50 \times 3 = 150$ cm
67. (e) Total cost of TV $= ₹(12500 + 300 + 800) = ₹13600$
 For a profit of 15%.
 Selling price $= ₹\left(\frac{115}{100} \times 13600\right) = ₹15640$
68. (b) Required time = LCM of 24, 36, and 48 seconds
 $= 144$ seconds $= 2$ minutes 24 seconds
69. (a) Relative speed $= (60 + 48)$ kmph $= 108$ kmph
 $= \left(108 \times \frac{5}{18}\right)$ m/sec $= 30$ m/sec.
 Total distance $= (240 + 270)$ metre $= 510$ metre
 \therefore Time taken in crossing $= \frac{510}{30} = 17$ seconds
70. (d) Ratio of equivalent capitals of Sarita and Neeta for 1 month
 $= 50000 \times 12 : 80000 \times 6 = 5 : 4$
 \therefore Sarita's share $= ₹\left(\frac{5}{9} \times 18000\right) = ₹10000$
71. (e) A's 1 day's work $= \frac{1}{6}$
 B's 1 day's work $= \frac{1}{12}$
 \therefore (A + B)'s 1 day's work $= \frac{1}{6} + \frac{1}{12} = \frac{2+1}{12} = \frac{1}{4}$
 \therefore A and B together will make 100 baskets in 4 days.
72. (c) Samir's age $= x$ year (let)
 \therefore His father's age $= 4x$ years
 Reema's age $= \frac{3}{2}x$ years
 \therefore Required ratio $= x : \frac{3x}{2} : 4x = 2 : 3 : 8$

73. (d) Total number of marbles = $8 + 3 + 5 = 16$
 $n(S) =$ Exhaustive number of cases
 $=$ Number of ways of drawing 4 marbles out of 16

$$= {}^{16}C_4 = \frac{16 \times 15 \times 14 \times 13}{1 \times 2 \times 3 \times 4} = 1820$$

$n(E) =$ Number of cases when 2 marbles are red and 2 are blue.

$$= {}^8C_2 \times {}^3C_2 = \frac{8 \times 7}{1 \times 2} \times \frac{3 \times 2}{1 \times 2} = 84$$

$$\therefore \text{Required probability} = \frac{84}{1820} = \frac{3}{65}$$

74. (e) $n(S) = {}^{16}C_2 = \frac{16 \times 15}{1 \times 2} = 120$

$$n(E) = {}^5C_2 = \frac{5 \times 4}{1 \times 2} = 10$$

$$\text{Required probability} = \frac{10}{120} = \frac{1}{12}$$

75. (c) $n(S) = {}^{16}C_2 = \frac{16 \times 15 \times 14}{1 \times 2 \times 3} = 560$

Out of the three drawn marbles none is red.
 Clearly they will be either blue or green.

$$\therefore n(E) = {}^8C_3 = \frac{8 \times 7 \times 6}{1 \times 2 \times 3} = 56$$

$$\therefore \text{Required probability} = \frac{n(E)}{n(S)} = \frac{56}{560} = \frac{1}{10}$$

76. (a) I. $x^2 - 7x + 10 = 0$
 $\Rightarrow x^2 - 5x - 2x + 10 = 0$
 $\Rightarrow x(x - 5) - 2(x - 5) = 0$
 $\Rightarrow (x - 2)(x - 5) = 0$
 $\Rightarrow x = 2 \text{ or } 5$

II. $y^2 + 11y + 10 = 0$
 $\Rightarrow y^2 + 10y + y + 10 = 0$
 $\Rightarrow y(y + 10) + 1(y + 10) = 0$
 $\Rightarrow (y + 1)(y + 10) = 0$
 $\Rightarrow y = -1 \text{ or } -10$

Clearly, $x > y$

77. (d) I. $x^2 + 28x + 192 = 0$
 $\Rightarrow x^2 + 16x + 12x + 192 = 0$
 $\Rightarrow x(x + 16) + 12(x + 16) = 0$
 $\Rightarrow (x + 12)(x + 16) = 0$
 $\Rightarrow x = -12 \text{ or } -16$

II. $y^2 + 16y + 48 = 0$

$$\Rightarrow y^2 + 12y + 4y + 48 = 0$$

$$\Rightarrow y(y + 12) + 4(y + 12) = 0$$

$$\Rightarrow (y + 12)(y + 4) = 0$$

$$\Rightarrow y = -12 \text{ or } -4$$

Clearly, $x \leq y$

78. (c) $2x - 3y = -3.5 \quad \dots (i)$

$$3x - 2y = -6.5 \quad \dots (ii)$$

By equation (i) $\times 2$ - equation (ii) $\times 3$, we have

$$4x - 6y = -7$$

$$9x - 6y = -19.5$$

$$\begin{array}{r} - \\ + \\ + \\ \hline -5x = 12.5 \end{array}$$

$$\Rightarrow x = \frac{12.5}{-5} = -2.5$$

From equation (i)

$$2 \times (-2.5) - 3y = -3.5$$

$$\Rightarrow 3y = -5 + 3.5$$

$$\Rightarrow y = \frac{-1.5}{3} = -0.5$$

Clearly, $x < y$

79. (b) I. $x^2 + 8x + 15 = 0$

$$\Rightarrow x^2 + 5x + 3x + 15 = 0$$

$$\Rightarrow x(x + 5) + 3(x + 5) = 0$$

$$\Rightarrow (x + 5)(x + 3) = 0$$

$$\Rightarrow x = -5 \text{ or } -3$$

II. $y^2 + 11y + 30 = 0$

$$\Rightarrow y^2 + 6y + 5y + 30 = 0$$

$$\Rightarrow y(y + 6) + 5(y + 6) = 0$$

$$\Rightarrow (y + 5)(y + 6) = 0$$

$$\Rightarrow y = -5 \text{ or } -6$$

Clearly, $x \geq y$

80. (e) $x = \sqrt{3136} = \pm 56$

$$y^2 = 3136$$

$$\Rightarrow y = \sqrt{3136} = \pm 56$$

Clearly, $x = y$

- | | | | |
|----------|----------|----------|----------|
| 81. (c) | 82. (c) | 83. (b) | 84. (d) |
| 85. (b) | 86. (a) | 87. (e) | 88. (e) |
| 89. (a) | 90. (c) | 91. (d) | 92. (e) |
| 93. (a) | 94. (e) | 95. (d) | 96. (e) |
| 97. (b) | 98. (e) | 99. (e) | 100. (e) |
| 101. (b) | 102. (d) | 103. (c) | 104. (a) |
| 105. (e) | 106. (d) | 107. (c) | 108. (a) |
| 109. (d) | 110. (e) | 111. (e) | 112. (a) |

113. (b) 114. (c) 115. (d) 116. (b) 168. (a) It is mentioned in the last line of the fifth paragraph
117. (a) 118. (c) 119. (b) 120. (a) 169. (c) It is mentioned in the second paragraph
121. (c) 122. (a) 123. (c) 124. (d) 170. (d) 171. (e) 172. (c)
125. (a) 126. (d) 127. (b) 128. (d) 173. (a) 174. (b) 175. (a) 176. (d)
129. (c) 130. (a) 131. (a) 132. (d) 177. (a) 178. (e) 179. (b) 180. (d)
133. (a) 134. (b) 135. (d) 136. (a) 181. (b) To that team.
137. (b) 138. (c) 139. (b) 140. (a) 182. (c)
141. (b) 142. (a) 143. (b) 144. (b) 183. (a) Instead of criticising.
145. (b) 146. (a) 147. (d) 148. (d) 184. (d) Frequently absent.
149. (c) 150. (d) 151. (d) 152. (c) 185. (d) To succeed.
153. (b) 154. (a) 155. (a) 156. (d) 186. (e) 187. (a) 188. (b)
157. (b) 158. (d) 159. (a) 160. (d) 189. (c) 190. (e) 191. (a) 192. (b)
161. (c) 193. (c) 194. (e) 195. (d) 196. (e)
162. (c) It is mentioned in the last few lines of the third paragraph nad the first few lines of the fourth paragraph.
197. (a) 198. (b) 199. (b) 200. (b)
163. (a) It can be inferred from the entire passage.
161. (b) 162. (a) 163. (d) 164. (d)
164. (b) It is mentioned in the third paragpah how the lengthy procedures make it difficult for the needy farmers to avail loans. Nowhere in the passage is it mentioned that the government has relieved the farmers of the loans.
165. (b) 166. (c) 167. (b) 168. (a)
169. (a) 170. (d) 171. (c) 172. (d)
173. (a) 174. (b) 175. (d) 176. (d)
177. (c) 178. (d) 179. (d) 180. (c)
181. (a) 182. (a) 183. (c) 184. (a)
185. (c) 186. (b) 187. (e) 188. (a)
165. (d) It is mentioned in the last paragraph.
189. (c) 190. (c) 191. (c) 192. (e)
166. (d) 193. (b) 194. (a) 195. (d) 196. (c)
167. (e) 197. (e) 198. (b) 199. (d) 200. (d)