

PU M Sc Quantitative Finance

1 of 100

100 PU_2015_314

When the computer is booting, BIOS is loaded to the memory by:-

- ☐ CD-ROM
- ☐ RAM
- ☐ ROM
- ☐ TCP

2 of 100

160 PU_2015_314

Choose the most appropriate word from the options given below to complete the following sentence.

_____ is the key to their happiness; they are satisfied with what they have.

- ☐ Hunger
- ☐ Perseverance
- ☐ Contentment
- ☐ Ambition

3 of 100

180 PU_2015_314

Number of Sides of an octagon is:-

- ☐ 20
- ☐ 28
- ☐ 16
- ☐ 8

4 of 100

152 PU_2015_314

Identify the relation between pairs and choose the best from the given option

BEE : HIVE :: _____

- ☐ HORSE: CARRIAGE
- ☐ SHEEP: FLOCK
- ☐ COW : BARN
- ☐ DOG: SHOW

5 of 100

147 PU_2015_314

Find the odd one in the following group. ALRVX, EPVZB, ITZDF, OYEIK

- ☐ ALRVX
- ☐ EPVZB
- ☐ ITZDf
- ☐ OYEIK

6 of 100

149 PU_2015_314

What comes next EGIK: FILO :: FHJL: ?

- ☐ GJMP
- ☐ GIMP
- ☐ GJPM
- ☐ GIPM

7 of 100

189 PU_2015_314

The standard deviation of a set of 50 observations is 6.5. If the value of each observation is increased by 5 then the standard deviation is:-

- ☐ 6.5
- ☐ 3.5
- ☐ 1.0
- ☐ 2.5

8 of 100

210 PU_2015_314

The most dominant contributor to GDP in recent years is:-

- ☐ industries
- ☐ exports
- ☐ agriculture
- ☐ service

9 of 100

156 PU_2015_314

Identify the meaning of the expression AD HOC.

- ☐ Permanent
- ☐ Unending
- ☐ Advertisement
- ☐ Temporary

10 of 100

216 PU_2015_314

In a Physics examination the mean of marks obtained by 150 students was found to be 49.95. The mean of the marks obtained in the same examination by another group of 200 students was found to be 52.23. The mean of the marks obtained by both the groups of students taken together is:-

- ☐ 49.99
- ☐ 50.47
- ☐ 51.47
- ☐ 51

11 of 100

172 PU_2015_314

A number is decreased by 15 and the new number obtained is multiplied by 3 and the result is 81. Find the number?

- ☐ 35
- ☐ 75
- ☐ 72
- ☐ 42

12 of 100

154 PU_2015_314

If "bear" is "lion", lion is "fox", "fox" is cow, "cow" is "bear", which of the following is domestic animal?

- ☐ Fox
- ☐ Cow
- ☐ Bear
- ☐ Lion

13 of 100

151 PU_2015_314

Find the odd man out. ABDG, GHJM, RSUX, KLNP

- ☐ KLNP
- ☐ GHJM
- ☐ ABDG
- ☐ RSUX

14 of 100

170 PU_2015_314

A man bought an article for Rs. 450 and sold it at a loss of 20 %. Find the selling of the article?

- ☐ 360
- ☐ 90
- ☐ 270
- ☐ 180

15 of 100

158 PU_2015_314

Give the correct meaning of Archaic.

- ☐ to be awkward
- ☐ to be damaged
- ☐ to become lane
- ☐ belonging to earlier period

16 of 100

219 PU_2015_314

Find the mode of the following observations.

0, 2, 1, 6, 7, 2, 3, 7, 6, 6, 2, 6, 4, 5, 6

- ☐ 6
- ☐ 2
- ☐ 3
- ☐ 7

17 of 100

161 PU_2015_314

Which of the following is correct?

- ☐ Determinant is a square matrix
- ☐ Determinant is a number associated with a square matrix
- ☐ Determinant is a number associated to a matrix
- ☐ All the above

18 of 100

173 PU_2015_314

The age of a man is 38 years more than the age of his son. If the sum of their ages is 82, find the age of the son and father.

- ☐ 22, 60
- ☐ 26, 56
- ☐ 24, 58
- ☐ 20, 62

19 of 100

103 PU_2015_314

One byte consists of:-

- ☐ 6 bits
- ☐ 4 bits
- ☐ 2 bits
- ☐ 8 bits

20 of 100

200 PU_2015_314

The Indian cricket team has won the World cup twice. The second time was in 2011, first time was in:-

- ☐ 1983
- ☐ 1982
- ☐ 1984
- ☐ 1981

21 of 100

144 PU_2015_314

Find the missing letter.

B	G	N
D	J	R
G	N	?

- ☐ V
- ☐ X
- ☐ U
- ☐ W

22 of 100

215 PU_2015_314

The cost of an item is Rs. 12.60. If the profit is 10% over selling price what is the selling price?

- ☐ Rs. 14.68
- ☐ Rs. 13.86%
- ☐ Rs.15.86%
- ☐ Rs.12.86

23 of 100

101 PU_2015_314

One KB memory is:-

- ☐ 24 bytes
- ☐ 2^{10} bytes
- ☐ 1000 bytes
- ☐ 2^6 bytes

24 of 100

166 PU_2015_314

The marks obtained by 7 students in computer science are 45, 40, 60, 90, 80, 65, 55. The median value for the data is:-

- ☐ 90
- ☐ 55
- ☐ 60
- ☐ 80

25 of 100

191 PU_2015_314

_____ five year plan is in progress.

- ☐ 12th
- ☐ 11th

- ☐ 13th
- ☐ 14th

26 of 100


153 PU_2015_314

In certain code "RANGE" is coded as 12345 and "RANDOM" is coded as 123678, then the code for the word "MANGO" would be:-

- ☐ 84563
- ☐ 82347
- ☐ 82357
- ☐ 82346

27 of 100

162 PU_2015_314

In the figure  find the number of line segment used?

- ☐ 10
- ☐ 12
- ☐ 13
- ☐ 11

28 of 100

205 PU_2015_314

The World Investment Report is annually published by:-

- ☐ IBRD
- ☐ WTO
- ☐ UNCTAD
- ☐ IMF

29 of 100

145 PU_2015_314

Given that in a code language, '645' means 'day is warm', '42' means 'warm spring' and '634' means 'spring in sunny' which digit represents 'sunny'?

- ☐ 2
- ☐ 5
- ☐ 4
- ☐ 3

30 of 100

183 PU_2015_314

The ratio of 9 seconds to 10 hours is:-

- ☐ 1:4000
- ☐ 1:40
- ☐ 9:10
- ☐ 1:400

31 of 100

211 PU_2015_314

The present Governor of Reserve Bank of India is:-

- ☐ Dr. Raghuram Rajan
- ☐ Mr. Montek Sing Ahluwalia
- ☐ Bimal Jalan
- ☐ Dr. C. Rangarajan

32 of 100

106 PU_2015_314

Which of the following is a social network?

- ☐ rediffmail
- ☐ twitter
- ☐ e-bay
- ☐ gmail

33 of 100

188 PU_2015_314

If $\begin{bmatrix} x-3 & 2y-8 \\ z+2 & 6 \end{bmatrix} = \begin{bmatrix} 5 & 2 \\ -2 & a-4 \end{bmatrix}$, then $(a, z) =$

- ☐ (-10, 4)
- ☐ (-10, -4)
- ☐ (10, 4)
- ☐ (10, -4)

34 of 100

163 PU_2015_314

Which of the following fractions is less than 1/3?

- ☐ 1:3
- ☐ 2:1
- ☐ 1:1
- ☐ 1:2

35 of 100

155 PU_2015_314

How many a's are in the odd places in the sequence aaaababababbbaabbbaa

- ☐ 7
- ☐ 5
- ☐ 8
- ☐ 6

36 of 100

150 PU_2015_314

Fill the series: AIU, CKW _____ GOA

- ☐ EMY
- ☐ EKY
- ☐ ENY
- ☐ EOY

37 of 100

179 PU_2015_314

If Rs. 2, 000 amounts to Rs. 2,200 in two years under simple interest, what is the rate of interest per annum?

- ☐ 6%
- ☐ 8%
- ☐ 5%
- ☐ 10%

38 of 100

108 PU_2015_314

Which of the following operating system is used in APPLE mobile phones?

- ☐ Android
- ☐ IOS
- ☐ Cyanogen
- ☐ Windows

39 of 100

171 PU_2015_314

An article marked a Rs. 8,000 is sold for Rs.7200 find the discount percent?

- ☐ 10
- ☐ 50
- ☐ 8
- ☐ 90

40 of 100

167 PU_2015_314

300 students appeared in an examination. Of these students 28 % got first division, 54 % got second division and the remaining just passed. Assuming that no students failed, find the number of students who just passed.

- ☐ 54
- ☐ 45
- ☐ 84
- ☐ 28

41 of 100

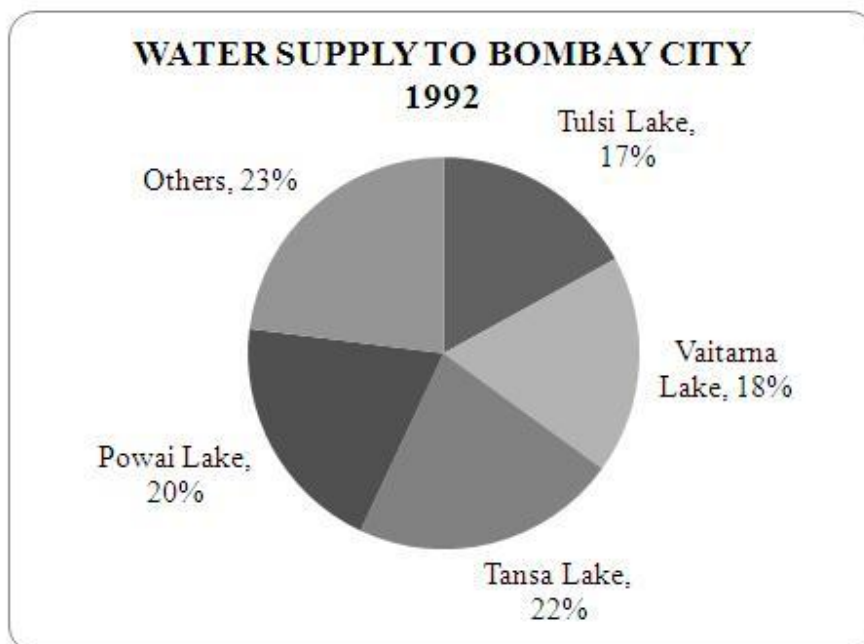
142 PU_2015_314

One who evaluates or judges fine is:-

- ☐ Supervisor
- ☐ Director
- ☐ Critique
- ☐ Connoisseur

42 of 100

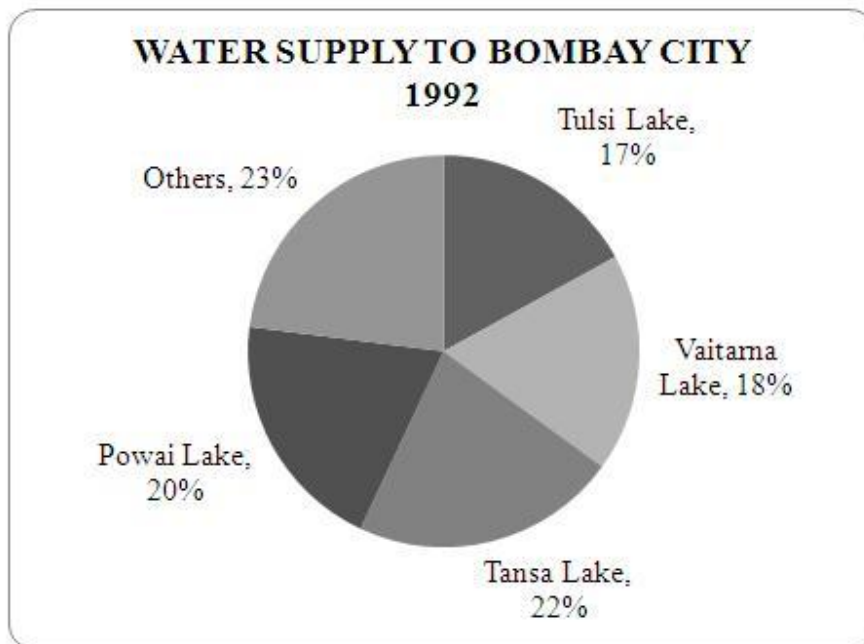
110 PU_2015_314



Total water supply in 1992 = 7200 Million gallons per month

The total water supplied by "others" in 1992 (in m. gallons) is:-

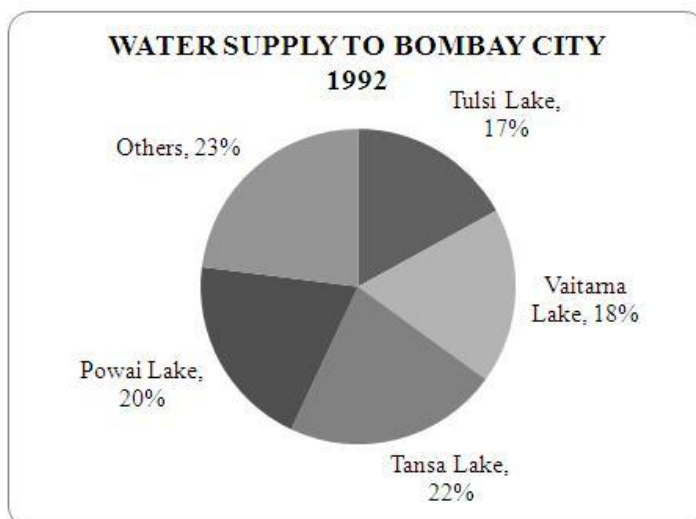
- ☐ 1728
- ☐ 19008
- ☐ 1656
- ☐ 19872



Total water supply in 1992 = 7200 Million gallons per month

In 1993, because of desilting operations, Vaitarna and Tansa could supply 10% more water than in 1992. If all the other lake supply the same volume of water as in 1992, what percentage of Bombay's requirement will Tulsi meet assuming total water supply by all the lakes meet 90% of Bombay's requirement?

- ☐ 15.4%
- ☐ 14.7%
- ☐ 14.1%
- ☐ 16.3%



Total water supply in 1992 = 7200 Million gallons per month

If Powai lake registered a 3% increase in 1992 over 1991 in the volume of water is supplied to Bombay city, what percentage of water supplied to Bombay city in 1991 came from Powai Lake?

- ☐ 17%
- ☐ 14%
- ☐ 19.4%
- ☐ insufficient data

45 of 100

117 PU_2015_314

VEHICLE PRODUCTION ESTIMATES

(numbers)

	1994-95	1996-97	2000-01
Trucks and buses	93000	103000	126000
Total LCV	92400	121390	210440
Jeeps	49000	63680	107550
Total Cars	242000	287520	405858
Maruti Cars	180000	213860	301880
Tractors	161420	174590	204240
Scooters	804990	921630	1208070
Motor Cycle	72000	52020	27160

What is the compounded annual growth rate of Jeeps between 1994-95 and 1996-97?

- ☐ 27%
- ☐ 30%
- ☐ 14%
- ☐ 21%

46 of 100

118 PU_2015_314

VEHICLE PRODUCTION ESTIMATES

(numbers)

	1994-95	1996-97	2000-01
Trucks and buses	93000	103000	126000
Total LCV	92400	121390	210440
Jeeps	49000	63680	107550
Total Cars	242000	287520	405858
Maruti Cars	180000	213860	301880
Tractors	161420	174590	204240
Scooters	804990	921630	1208070
Motor Cycle	72000	52020	27160

The LCV production estimate for 2000-01 is revised by 15%. The expected rate of growth of trucks and buses for 1996-97 to 2000-01 is revised upwards to 40%. What is the new combined growth rate of the two categories over the period 1994-95 to 2000-01?

- ☐ 43.9%
- ☐ 74.3%
- ☐ 59.7%
- ☐ 91.6%

47 of 100

115 PU_2015_314

VEHICLE PRODUCTION ESTIMATES

	(numbers)		
	1994-95	1996-97	2000-01
Trucks and buses	93000	103000	126000
Total LCV	92400	121390	210440
Jeeps	49000	63680	107550
Total Cars	242000	287520	405858
Maruti Cars	180000	213860	301880
Tractors	161420	174590	204240
Scooters	804990	921630	1208070
Motor Cycle	72000	52020	27160

Which category of vehicle is expected to show the maximum growth rate over the period 1994-95 to 2000-01?

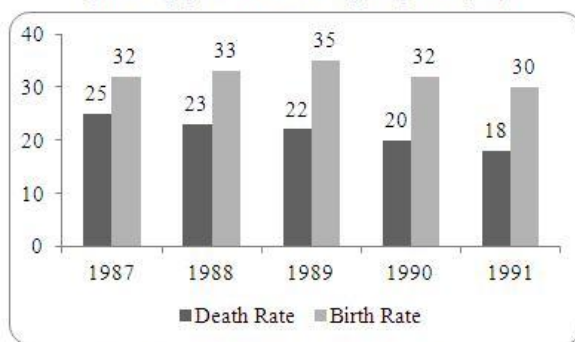
- ☐ Jeeps
- ☐ Trucks and buses
- ☐ Cars
- ☐ Scooters

48 of 100

121 PU_2015_314

BIRTH AND DEATH RATES

(per 1000 population as at the beginning of the year)

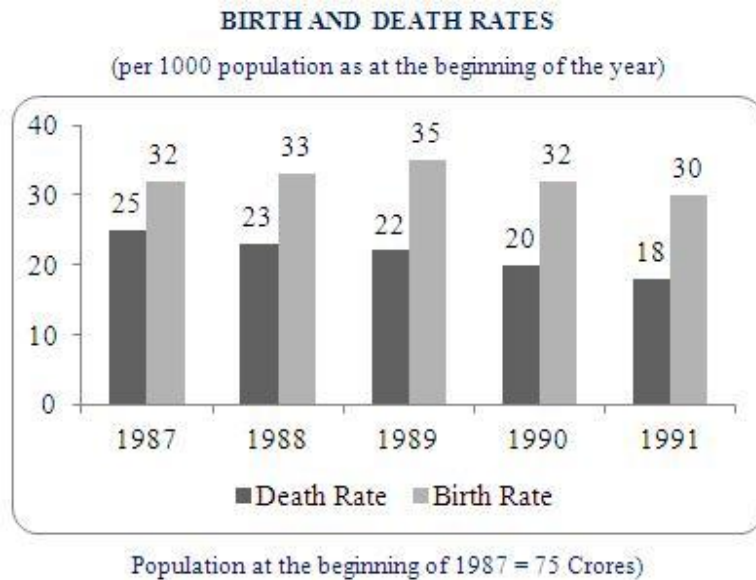


Population at the beginning of 1987 = 75 Crores)

What is the expected approximate net population increase during 1989?

- ☐ 112 lacs
- ☐ 76 lacs
- ☐ 121 lacs
- ☐ 100 lacs

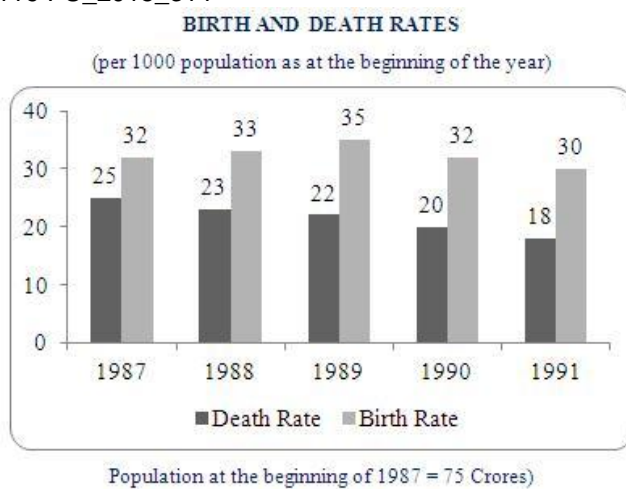
49 of 100
123 PU_2015_314



The net growth of population in 1991 as a percentage of the population at the beginning of the year.

- ☐ 3%
- ☐ 1.6%
- ☐ 1.5%
- ☐ 1.2%

50 of 100
119 PU_2015_314



What is the population at the beginning of 1989?

- ☐ 75,52,50,000
- ☐ 76,16,28,000
- ☐ 76,44,24,500
- ☐ 76,28,02,500

51 of 100

124 PU_2015_314

Read the following passage carefully and answer the following questions.

It is not unknown to me how many men have had, and still have, the opinion that the affairs of the world are in such was governed by fortune and by God that men with their wisdom cannot direct them and that no one can even help them: and because of this they would have us believe that it is not necessary to labour much in affairs. Sometimes pondering over this, I am in degree inclined to agree with their opinion. Nevertheless, not to extinguish our free will, I will hold it to be true that fortune is the arbiter of one half of our actions, but she still leaves us to direct the other half, or perhaps a little more. And such direction only unencumbered free will can provide. I compare her to one of those raging rivers, which when sweeping away trees and buildings, bearings away the soil from place to place; everything flies before it, all yield to its violence, without being in any way able to withstand it. So it happens with fortune, which shows her power where valour has not prepared to resist her but bestows her bounties where she knows that barriers and defences have been raised to constrain her.

What is the author's attitude about the role of fortune in our life?

- ☐ Cynical
- ☐ Erratic
- ☐ Despondent
- ☐ Equanimity

52 of 100

127 PU_2015_314

Read the following passage carefully and answer the following questions.

It is not unknown to me how many men have had, and still have, the opinion that the affairs of the world are in such was governed by fortune and by God that men with their wisdom cannot direct them and that no one can even help them: and because of this they would have us believe that it is not necessary to labour much in affairs. Sometimes pondering over this, I am in degree inclined to agree with their opinion. Nevertheless, not to extinguish our free will, I will hold it to be true that fortune is the arbiter of one half of our actions, but she still leaves us to direct the other half, or perhaps a little more. And such direction only unencumbered free will can provide. I compare her to one of those raging rivers, which when sweeping away trees and buildings, bearings away the soil from place to place; everything flies before it, all yield to its violence, without being in any way able to withstand it. So it happens with fortune, which shows her power where valour has not prepared to resist her but bestows her bounties where she knows that barriers and defences have been raised to constrain her.

What would be an appropriate title for the passage?

- ☐ Fortune: The Final Arbiter
- ☐ The river of Fortune
- ☐ The power of will
- ☐ Overcoming mother nature

53 of 100

130 PU_2015_314

Three words are given. They are followed by four words one of which stands for the class to which these three words belong. Identify the word.

Winter, Summer, Monsoon

- ☐ Climate
- ☐ Season
- ☐ Rainy season
- ☐ Year

54 of 100

129 PU_2015_314

Three words are given. They are followed by four words one of which stands for the class to which these three words belong. Identify the word.

Table, Chair, Sofa

- ☐ Furniture
- ☐ Chair
- ☐ Polish
- ☐ Wood

55 of 100

128 PU_2015_314

Three words are given. They are followed by four words one of which stands for the class to which these three words belong. Identify the word.

Honesty, Credibility, Reliability

- ☐ Manly
- ☐ Character
- ☐ Soberness
- ☐ Perfection

56 of 100

132 PU_2015_314

Three words are given. They are followed by four words one of which stands for the class to which these three words belong. Identify the word.

Ahmedabad, Aligarh, Bangalore

- ☐ Town
- ☐ City
- ☐ State
- ☐ Country

57 of 100

135 PU_2015_314

Opposites

PUSILLANIMOUS

- ☐ cowardly
- ☐ relaxed
- ☐ brave
- ☐ pushy

58 of 100

136 PU_2015_314

Opposites

PRUDENT

- ☐ patient
- ☐ wise
- ☐ foolish
- ☐ pleasant

59 of 100

139 PU_2015_314

Give the correct meaning.

VILIFY

- ☐ to lie
- ☐ to prove
- ☐ to defame
- ☐ to invigorate

60 of 100

140 PU_2015_314

Give the correct meaning.

BEGUILE

- ☐ to charm
- ☐ to smile
- ☐ to become shy
- ☐ to flatter

61 of 100

231 PU_2015_314

A pole of length 165 cm is divided into two parts such that the lengths are in the ratio 7:8. Then the length of each part of the pole are:-

- ☐ 88, 77cm
- ☐ 50, 115cm

- ☐ 90, 75 cm
- ☐ 77, 88 cm

62 of 100

221 PU_2015_314

Which one of the following is an IP address?

- ☐ 210.212.230.197
- ☐ 210.212.2.197
- ☐ 21.22.230.197
- ☐ 210.212.230.1

63 of 100

220 PU_2015_314

One Peta Byte (PB) is equal to:-

- ☐ 2^{10} GB
- ☐ 2^{10} TB
- ☐ 2^{10} MB
- ☐ 2^{10} KB

64 of 100

238 PU_2015_314

A sentence is split into four parts, rearrange the parts to form the original sentence.

- A.For the proper training of people
- B.In order to make them technically proficient in the job they take up
- C.The government should make arrangements
- D.In different jobs

- ☐ ACBD
- ☐ CADB
- ☐ ACDB
- ☐ BADC

65 of 100

245 PU_2015_314

The term paper gold is associated with?

- ☐ Currency in Gold standard
- ☐ IMF
- ☐ Deficit
- ☐ World Bank

66 of 100

243 PU_2015_314

A cheque is a:-

- ☐ Mail transfer order
- ☐ A pay in slip

- ☐ Bill of exchange
- ☐ Non-negotiable

67 of 100

252 PU_2015_314

Which of the following statements relating to an ordinance promulgated by the president are correct?

- 1.He should have completed 35 years of age.
- 2.He should be qualified for election as a member of the Lok sabha.
- 3.He should not hold any office of profit under the union government or any local authority or any other public authority.

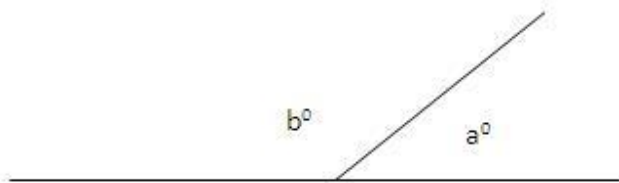
Select the correct answer from the codes given below.

- ☐ 2 and 3 only
- ☐ 3 only
- ☐ 1 only
- ☐ 1, 2 and 3 only

68 of 100

226 PU_2015_314

In this diagram below, $b:a = 7:2$. What is $b-a$?



- ☐ 20
- ☐ 70
- ☐ 110
- ☐ 100

69 of 100

257 PU_2015_314

Which is the largest public sector bank in India?

- ☐ Canara Bank
- ☐ State Bank of India
- ☐ Indian Bank
- ☐ Indian Overseas Bank

70 of 100

249 PU_2015_314

Indian Economy is more appropriately described as a _____ economy.

- ☐ Capitalist
- ☐ Agricultural

- ☐ Socialist
- ☐ Mixed

71 of 100

236 PU_2015_314

A bought a horse for Rs. 10, 000 and sold it to C at 10% profit and B sold it to C at 10 % loss. The amount paid by C is:-

- ☐ Rs. 9,999
- ☐ Rs. 10, 000
- ☐ Rs. 9, 900
- ☐ Rs. 11,000

72 of 100

254 PU_2015_314

National Food Security Mission (NFSM) was launched in the year.

- ☐ 2007-08
- ☐ 2001-02
- ☐ 2004-05
- ☐ 2010-11

73 of 100

240 PU_2015_314

'Lahar' is a natural disaster involving:-

- ☐ strong wind
- ☐ eruption of large amount of material
- ☐ Strong water waves
- ☐ strong winds and water waves

74 of 100

232 PU_2015_314

The number of ways that the letters of the word ALGEBRA can be arranged without changing the relative positions of vowels and consonants is:-

- ☐ 75
- ☐ 72
- ☐ 70
- ☐ 76

75 of 100

247 PU_2015_314

The most important source of public revenue is:-

- ☐ Dividend
- ☐ License Fee
- ☐ Taxes
- ☐ Interest

76 of 100

256 PU_2015_314

For the following frequency distribution the mean is 7.3, then the missing frequency is:-

x: 56789

f: 4612-8

☐

9

☐

8

☐

10

☐

7

77 of 100

250 PU_2015_314

The major finance for small scale industries is:-

☐

Shares and debentures

☐

Public deposits

☐

Bank loans

☐

Foreign aid

78 of 100

259 PU_2015_314

Which is a non-probability based sampling method?

☐

Quota Sampling

☐

Simple Random Sampling

☐

Systematic Sampling

☐

Stratified Random Sampling

79 of 100

223 PU_2015_314

Read the following passage carefully and answer the following questions.

For fourteen and a half months I lived in my little cell or room in the Dehradunjali, and I began to feel as if I was almost a part of it. I was familiar with every bit of it. I knew every mark dent on the white washed walls on the uneven floor and the ceiling with its moth eaten rafters. In the little yard outside I greeted little tufts of grass and odd bits of stone as old friends. I was not alone in my cell, for several colony of wasp and hornets lived there, in many lizards found a home behind the rafters, emerging in the evenings in search of prey.

Which of the following sentence in the passage clearly reveals, "I am almost a part of it"?

☐

I greeted little tufts of grass like odd friends

☐

I was familiar with every bit of the cell

☐

I felt quite at home in the cell

☐

I was not alone in the cell.

80 of 100

224 PU_2015_314

Read the following passage carefully and answer the following questions.

For fourteen and a half months I lived in my little cell or room in the Dehradunjali, and I began to feel as if I was almost a part of it. I was familiar with every bit of it. I knew every mark dent on the white washed walls on the uneven floor and the ceiling with its moth eaten rafters. In the little yard outside I greeted little tufts of grass and odd bits of stone as old friends. I was not alone in my cell, for several colony of wasp and hornets lived there, in many lizards found a home behind the rafters, emerging in the evenings in search of prey.

The passage attempts to describe.

- ☐ The prisoner's capacity to notice the minute details of his surroundings
- ☐ The prisoner's conscious efforts to overcome the loneliness
- ☐ The prisoner's ability to live happily with other creatures
- ☐ The general condition of the country's jails

81 of 100

273 PU_2015_314

A person travels a distance of 4 meter northwards, then travels 3 meter west and then travels 12 meters left and finally travels 15 meters right . What is the approximate distance of the place he reached from his original place.

- ☐ 19
- ☐ 20
- ☐ 22
- ☐ 21

82 of 100

292 PU_2015_314

A man walking at the speed of 4 km per hour crossed a square field diagonally in 3 minutes, The area of the field in square meters is _____.

- ☐ 40,000
- ☐ 20, 000
- ☐ 25,000
- ☐ 15,000

83 of 100

293 PU_2015_314

"Monepsony" refers to

- ☐ many sellers single buyers
- ☐ many buyers many sellers
- ☐ many buyers few sellers
- ☐ many buyers single sellers

84 of 100

298 PU_2015_314

Match List I with List II and select the correct answer.

	List I (Ecosystem Term)		List II (Definition)
i.	Resilience	1	Returns to initial equilibrium after a perturbation
ii.	Persistence	2	Degree of a Change after perturbation
iii.	Resistance	3	Speed of return to equilibrium after a perturbation
iv.	Stable	4	Time before variable changes to new value

Codes: i ii iii iv

- ☐ 4 3 2 1
- ☐ 3 4 2 1
- ☐ 3 4 1 2
- ☐ 4 3 1 2

85 of 100

289 PU_2015_314

Evaluate $\sqrt{78} + \sqrt{1728}$ in the form of $\sqrt{x} + \sqrt{y}$

- ☐ $\sqrt{72} + \sqrt{6}$
- ☐ $\sqrt{12} + \sqrt{6}$
- ☐ $\sqrt{74} + \sqrt{7}$
- ☐ None

86 of 100

285 PU_2015_314

Two persons from two different points at respective speeds 6 km and 5 km towards each other meet each other 3 1/2 hours later. What is the distance between the two points.

- ☐ 40
- ☐ 35 1/2
- ☐ 38 1/2
- ☐ 50 1/2

87 of 100

295 PU_2015_314

Which one of the following green house gases has the shortest residence time in the atmosphere?

- ☐ Methane
- ☐ carbon dioxide

- ☐ Chlorofluorocarbon
- ☐ Nitrous oxide

88 of 100

290 PU_2015_314

If $\frac{4+3\sqrt{5}}{4-3\sqrt{5}} = a + b\sqrt{5}$, then (a, b)

- ☐ (61/29, 24/29)
- ☐ (61/29, -24/29)
- ☐ (-61/29, -24/29)
- ☐ (-61/29, 24/29)

89 of 100

272 PU_2015_314

Two pipes A and B fill a tank in 24 and 32 minutes respectively. If both pipes are opened simultaneously , after what time should B be closed such that the tank is filled in 18 minutes ?

- ☐ 18
- ☐ 20
- ☐ 12
- ☐ 8

90 of 100

280 PU_2015_314

The price of a product is reduced by 30%. By what percentage should it be increased to make it 100%?

- ☐ 3
- ☐ 4
- ☐ 1
- ☐ 2

91 of 100

266 PU_2015_314

SMTP stands for:-

- ☐ Simple Message Transfer Protocol
- ☐ Standard Message Transfer Protocol
- ☐ Standard Mail Transfer Protocol
- ☐ Simple Mail Transfer Protocol

92 of 100

277 PU_2015_314

The 1954, Nehru-Kotlewala Pact was between:-

- ☐ India-Ceylon for Citizenship Act

- ☐ India-Ceylon for Seaport Act
- ☐ India-Bangladesh for Citizenship Act
- ☐ India-Nepal for Seaport Act

93 of 100

297 PU_2015_314

FERA is _____ Exchange Regulation Act.

- ☐ Finance
- ☐ Forests
- ☐ Fiscal
- ☐ Foreign

94 of 100

260 PU_2015_314

Followings are the list of instructions to be followed.

Step 1: $A = 1$, $B = 0$, $C = 2$
Step 2: if $A < 30$ then Step 3 -7 else Step 8
Step 3: $B = B + C$
Step 4: $C = C + 1$
Step 5: Print B
Step 6: $A = A + 1$
Step 7 : go to step 2
Step 8: stop

What is the 20th value of B printed?

- ☐ 230
- ☐ 219
- ☐ 220
- ☐ 231

95 of 100

262 PU_2015_314

Followings are the list of instructions to be followed.

Step 1: $A = 1$, $B = 0$, $C = 2$
Step 2: if $A < 30$ then Step 3 -7 else Step 8
Step 3: $B = B + C$
Step 4: $C = C + 1$
Step 5: Print B
Step 6: $A = A + 1$
Step 7 : go to step 2
Step 8: stop

How many value of B are printed?

- ☐ 28
- ☐ 29
- ☐ 30
- ☐ 31

96 of 100

264 PU_2015_314

Followings are the list of instructions to be followed.

Step 1: $A = 1, B = 0, C = 2$
Step 2: if $A < 30$ then Step 3 -7 else Step 8
Step 3: $B = B + C$
Step 4: $C = C + 1$
Step 5: Print B
Step 6: $A = A + 1$
Step 7 : go to step 2
Step 8: stop

If step 5 is replaced by "increment A by 3" what would be the last value of B printed?

- ☐ 66
- ☐ 54
- ☐ 65
- ☐ 55

97 of 100

261 PU_2015_314

Followings are the list of instructions to be followed.

Step 1: $A = 1, B = 0, C = 2$
Step 2: if $A < 30$ then Step 3 -7 else Step 8
Step 3: $B = B + C$
Step 4: $C = C + 1$
Step 5: Print B
Step 6: $A = A + 1$
Step 7 : go to step 2
Step 8: stop

What is the value of A when all the steps are over?

- ☐ 29
- ☐ 30
- ☐ 31
- ☐ 28

98 of 100

263 PU_2015_314

Followings are the list of instructions to be followed.

Step 1: $A = 1, B = 0, C = 2$
Step 2: if $A < 30$ then Step 3 -7 else Step 8
Step 3: $B = B + C$
Step 4: $C = C + 1$
Step 5: Print B
Step 6: $A = A + 1$
Step 7 : go to step 2
Step 8: stop

What is the last value of B printed?

- ☐ 464

- ☐ 231
- ☐ 435
- ☐ 434

99 of 100

267 PU_2015_314

Read the passage below and then answer the questions.

It has been part of Nelson's prayer that the British fleet might be distinguished by humanity in the victory which he expected. Setting an example himself, he twice gave orders to cease firing upon the Redoubtable, supposing that she had struck because her great guns were silent ; for as she carried no flag, there was no means of instantly ascertaining the fact. From this ship, which he had thus twice spared, he received his death. A ball fired from her mizzen-top which, in the then situation of the two vessels was not more than fifteen yards from that part of deck where he was standing, struck the epaulette on his left shoulder about a quarter after one, just in the heat of action. He fell upon his face on the spot which was covered with his poor secretary's blood. Hardy, who was a few steps from him turning round, saw three men raising him up. 'They have done for me at last, Hardy !' said he. 'I hope not !' cried Hardy. "Yes," he replied ; "my back-bone is shot through !" Yet even now not for a moment lapsing his presence of mind, he observed as they were carrying him down the ladder, that the tiller-ropes which had been shot away, were not yet replaced and ordered that new ones should be roped immediately. Then that he might not be seen by the crew, he took out his handkerchief and covered his face and his stars. Had he but concealed these badges Of honor from the enemy, England perhaps would not have had cause to receive with sorrow the news of the battle Of Trafalgar. The cockpit was crowded with wounded and dying men ; over whose bodies he was with some difficulty conveyed, and laid upon a pallet in the midshipmen's berth. It was soon perceived, upon examination, that the wound was mortal. This, however, was concealed from all, except Captain Hardy, the chaplain, and the medical attendants, He himself being certain, from the sensation in his back, and the gush of blood he felt momentarily within his breast, that no human care could avail him, insisted that the surgeon should leave him and attend to those to whom he might be useful.

What is meant by 'supposing that she had struck'?

- ☐ thinking that she is in trouble
- ☐ thinking that She had hit herself
- ☐ thinking that She carried no flag
- ☐ thinking that the men in the ship had surrendered

100 of 100

268 PU_2015_314

Read the passage below and then answer the questions.

It has been part of Nelson's prayer that the British fleet might be distinguished by humanity in the victory which he expected. Setting an example himself, he twice gave orders to cease firing upon the Redoubtable, supposing that she had struck because her great guns were silent ; for as she carried no flag, there was no means of instantly ascertaining the fact. From this ship, which he had thus twice spared, he received his death. A ball fired from her mizzen-top which, in the then situation of the two vessels was not more than fifteen yards from that part of deck where he was standing, struck the epaulette on his left shoulder about a quarter after one, just in the heat of action. He fell upon his face on the spot which was covered with his poor secretary's blood. Hardy, who was a few steps from him turning round, saw three men raising him up. 'They have done for me at last, Hardy !' said he. 'I hope not !' cried Hardy. "Yes," he replied ; "my back-bone is shot through !" Yet even now not for a moment lapsing his presence of mind, he observed as they were carrying him down the ladder, that the tiller-ropes which had been shot away, were not yet replaced and ordered that new ones should be roped immediately. Then that he might not be seen by the crew, he took out his handkerchief and covered his face and his stars. Had he but concealed these badges Of honor from the enemy, England perhaps would not have had cause to receive with sorrow the news of the battle Of Trafalgar. The cockpit was crowded with wounded

and dying men ; over whose bodies he was with some difficulty conveyed, and laid upon a pallet in the midshipmen's berth. It was soon perceived, upon examination, that the wound was mortal. This, however, was concealed from all, except Captain Hardy, the chaplain, and the medical attendants, He himself being certain, from the sensation in his back, and the gush of blood he felt momentarily within his breast, that no human care could avail him, insisted that the surgeon should leave him and attend to those to whom he might be useful.

How can Nelson be said to have been partly responsible for his own death?

- ☐ His back-bone was shot through and brought about his death
- ☐ Nelson ordered his men two times to cease firing on the Redoubtable. From the same ship a ball fired at him and brought about his death
- ☐ The battle of Trafalgar brought about his death
- ☐ Nelson took out his handkerchief and covered his face which brought about his death

314 PU M Sc Quantitative Finance

1 of 100

111 PU_2016_314_E

Read the following passage carefully and answer the questions given below it.

Economic freedom is the fundamental right of every human to control his or her own labour and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way they please. In economically free societies, governments allow labor, capital and goods to move freely and refrain from coercion or constrain liberty beyond the extent necessary to protect and maintain liberty itself.

The 2010 Index of Economic Freedom covers 183 countries around the world, ranking 179 of them with an economic freedom score based on 10 measures. The basic principles of economic freedom emphasized in the Index are individual empowerment, equitable treatment, and the promotion of competition.

Four Asia-Pacific economies continue to lead the world in economic freedom, Hong Kong maintains its position as the world's freest economy, a distinction it has enjoyed for 16 consecutive years. Singapore remains close, ranked as the world's second freest economy. Australia and New Zealand, ranked 3rd and 4th this year.

Economic freedom improves the overall quality of life, promotes political and social progress, and supports environmental protection. Despite being one of the fastest growing economies in the world, India is languishing down in the Index of Economic Freedom 2010. India is ranked 124th among 183 countries in the index prepared by The Heritage Foundation along with the Wall Street Journal.

The 10 components of economic freedom include freedom in business, trade, investment, fiscal and monetary actions, government spending, property rights, freedom from corruption and labour rigidities. Surprisingly, political freedom is not considered to calculate economic freedom. India's economic freedom score is 53.8, classifying the country as a mostly 'unfree' economy. Its score is 0.6 point lower than last year due to a decline in freedom in areas such as business and monetary actions and higher level of corruption.

According to the findings of the index, the overall freedom to start, operate, and close a business remains restricted by India's regulatory environment adversely impacting business freedom in India.

Which country is regarded as the freest economy according to the Index 2010?

- ☐ Canada
- ☐ Hong Kong
- ☐ Singapore
- ☐ Switzerland

2 of 100

101 PU_2016_314_E

Choose the correct word which is most nearly the SAME in meaning to the word given below.

Oriented

- ☐ Filtration
- ☐ Transfer

- ☐ Notation
- ☐ Position

3 of 100

131 PU_2016_314_E

Which technology is used in a CD-ROM drive?

- ☐ Electromechanical
- ☐ Mechanical
- ☐ Optical
- ☐ fiber optical

4 of 100

192 PU_2016_314_E

In a certain code, "MUKESH" is written as "PENOVK" a "STOCK" as "VWAFN". How is 'KNIGHT' written in that code?

- ☐ HKADEQ
- ☐ NQAJKW
- ☐ NQUJKW
- ☐ HKUDEQ

5 of 100

159 PU_2016_314_E

Whenever RBI does some open market operation transactions, actually it wishes to regulate which of the following?

- ☐ Inflation
- ☐ Liquidity in economy
- ☐ Borrowing powers of the banks
- ☐ Flow of foreign direct investments

6 of 100

114 PU_2016_314_E

Rearrange the sentences given below in a way which would make an appropriate and meaningful paragraph. Mark the correct order of sentences and answer the questions given below.

(A) He standardized money, weights and measures, burned all books except of his own glorious Accounts

(B) To help unify his vast empire Shi Huangdi made everyone learn the same language, replacing local dialects with a single, purified form of Chinese

(C) When Shi Hungdi died he was buried in vast underground town city guarded by thousands of life-sized horsemen; it came to be known as the "Terracotta Army".

(D) To protect his empire from hostile tribes, he ordered the building of a fortified wall now known as 'The Great Wall of China'-all along the northern frontier.

(E) It was built by slaves and cost over 50,000 lives.

The 'FIRST' sentence after rearrangement will be:-

- ☐ A
- ☐ D
- ☐ C
- ☐ B

7 of 100

136 PU_2016_314_E

Which organ makes up about 2% of the body's weight but uses roughly 20% of oxygen?

- ☐ gall bladder
- ☐ brain
- ☐ Kidney
- ☐ Lungs

8 of 100

190 PU_2016_314_E

What is the average of first five multiple of 10?

- ☐ 30
- ☐ 40
- ☐ 50
- ☐ 27.5

9 of 100

143 PU_2016_314_E

Who among the following decides whether a particular bill is a money bill or not?

- ☐ President
- ☐ Speaker of Lok Sabha
- ☐ Finance minister
- ☐ Chairman of Rajya Sabha

10 of 100

135 PU_2016_314_E

International water day is celebrated on:-

- ☐ March 22
- ☐ March 23
- ☐ March 20
- ☐ March 21

11 of 100

141 PU_2016_314_E

The only president of India who was elected unopposed is:-

- ☐ Dr S. Radhakrishnan
- ☐ Dr Zakir Hussain
- ☐ Fakhruddin Ali Ahmed
- ☐ Neelam SanjivA Reddy

12 of 100

134 PU_2016_314_E

What is the commonly used unit for measuring the speed of data transmission?

- ☐ Nano seconds
- ☐ Bits per second
- ☐ Characters per second
- ☐ Mega Hertz

13 of 100

178 PU_2016_314_E

The BSE Sensex consists of a basket of ____ stocks.

- ☐ 100
- ☐ 50
- ☐ 66
- ☐ 30

14 of 100

150 PU_2016_314_E

The balance-sheet is only:-

- ☐ A summary
- ☐ A statement
- ☐ An account
- ☐ An asset

15 of 100

115 PU_2016_314_E

Rearrange the sentences given below in a way which would make an appropriate and meaningful paragraph. Mark the correct order of sentences and answer the questions given below.

(A) He standardized money, weights and measures, burned all books except of his own glorious Accounts

(B) To help unify his vast empire Shi Huangdi made everyone learn the same language, replacing local dialects with a single, purified form of Chinese

(C) When Shi Hungdi died he was buried in vast underground town city guarded by thousands of life-sized horsemen; it came to be known as the "Terracotta Army".

(D) To protect his empire from hostile tribes, he ordered the building of a fortified wall now known as 'The Great Wall of China'-all along the northern frontier.

(E) It was built by slaves and cost over 50,000 lives.

The 'SECOND' sentence after rearrangement will be:-

- ☐ D
- ☐ C
- ☐ B
- ☐ A

16 of 100

197 PU_2016_314_E

If a shopkeeper marks the price of goods 50% more than their cost price and allows a discount of 30%, what is his gain or loss percent?

- ☐ Gain of 5%
- ☐ Gain of 7%
- ☐ Loss of 5%
- ☐ Loss of 7%

17 of 100

167 PU_2016_314_E

Mortgage relates to which type of loan among the following?

- ☐ Housing loan
- ☐ Gold loan
- ☐ Car loan
- ☐ Educational loan

18 of 100

162 PU_2016_314_E

Which of the following products launched by most of the banks help farmers in getting instant credit for various agricultural purposes?

- ☐ ATM card
- ☐ Personal loan
- ☐ Business loan
- ☐ Kisan credit card

19 of 100

194 PU_2016_314_E

Smith is younger than Rahul, but not that sujan. Jai is older than Kumar, who is older than Rahul. Who is oldest among all?

- ☐ Jai
- ☐ Kumar
- ☐ Rahul
- ☐ Cannot find

20 of 100

152 PU_2016_314_E

Which of the following is not a direct tax?

- ☐ Sales tax
- ☐ Income tax
- ☐ Estate duty
- ☐ Wealth tax

21 of 100

119 PU_2016_314_E

Read the following statements and pick the correct choice

Some boxes are bottles

All bottles are jars

Some jars are buckets

CONCLUION:

I.All boxes are jars.

II. Some boxes are jars.

III. Some buckets are not jars.

IV. Some bottles are boxes.

- ☐ Only III follows
- ☐ Only II follows
- ☐ Only either I or II and IV follow
- ☐ Inconclusive

22 of 100

139 PU_2016_314_E

For regulation of the insurance trade in the country, the Government has formed:-

- ☐ SEBI
- ☐ Insurance regulatory and development authority

- ☐ General insurance corporation
- ☐ Reserve Bank of India

23 of 100

112 PU_2016_314_E

Read the following passage carefully and answer the questions given below it.

Economic freedom is the fundamental right of every human to control his or her own labour and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way they please. In economically free societies, governments allows labor, capital and goods to move freely and refrain from coercion or constrain liberty beyond the extent necessary to protect and maintain liberty itself.

The 2010 Index of Economic Freedom covers 183 countries around the world, ranking 179 of them with an economic freedom score based on 10 measures. The basic principles of economic freedom emphasized in the Index are individual empowerment, equitable treatment, and the promotion of competition.

Four Asia-Pacific economies continue to lead the world in economic freedom, Hong Kong maintains its position as the world's freest economy, a distinction it has enjoyed for 16 consecutive years. Singapore remains close, ranked as the world's second freest economy. Australia and New Zealand, ranked 3rd and 4th this year.

Economic freedom improves the overall quality of life, promotes political and social progress, and supports environmental protection. Despite being one of the fastest growing economies in the world, India is languishing down in the Index of Economic Freedom 2010. India is ranked 124th among 183 countries in the index prepared by The Heritage Foundation along with the Wall Street Journal.

The 10 components of economic freedom include freedom in business, trade, investment, fiscal and monetary actions, government spending, property rights, freedom from corruption and labour rigidities. Surprisingly, political freedom is not considered to calculate economic freedom. India's economic freedom score is 53.8, classifying the country as a mostly 'unfree' economy. Its score is 0.6 point lower than last year due to a decline in freedom in areas such as business and monetary actions and higher level of corruption.

According to the findings of the index, the overall freedom to start, operate, and close a business remains restricted by India's regulatory environment adversely impacting business freedom in India.

What is the economic freedom score of India in the 'Index 2010'?

- ☐ 100
- ☐ 53
- ☐ 0.6 point lower than the score last year
- ☐ 76

24 of 100

117 PU_2016_314_E

Rearrange the sentences given below in a way which would make an appropriate and meaningful paragraph. Mark the correct order of sentences and answer the questions given below.

(A) He standardized money, weights and measures, burned all books except of his own glorious Accounts

(B) To help unify his vast empire Shi Huangdi made everyone learn the same language, replacing local dialects with a single, purified form of Chinese

(C) When Shi Hungdi died he was buried in vast underground town city guarded by thousands of life-sized horsemen; it came to be known as the "Terracotta Army".

(D) To protect his empire from hostile tribes, he ordered the building of a fortified wall now known as 'The Great Wall of China'-all along the northern frontier.

(E) It was built by slaves and cost over 50,000 lives.

The 'LAST' sentence after rearrangement will be

- ☐ B
- ☐ E
- ☐ D
- ☐ C

25 of 100

164 PU_2016_314_E

The ratio of the cash reserves that the banks are required to keep with RBI is known as:-

- ☐ Statutory liquidity ratio
- ☐ Liquidity ratio
- ☐ Cash Reserve Ratio
- ☐ Net demand and time liabilities

26 of 100

110 PU_2016_314_E

Read the following passage carefully and answer the questions given below it.

Economic freedom is the fundamental right of every human to control his or her own labour and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way they please. In economically free societies, governments allows labor, capital and goods to move freely and refrain from coercion or constrain liberty beyond the extent necessary to protect and maintain liberty itself.

The 2010 Index of Economic Freedom covers 183 countries around the world, ranking 179 of them with an economic freedom score based on 10 measures. The basic principles of economic freedom emphasized in the Index are individual empowerment, equitable treatment, and the promotion of competition.

Four Asia-Pacific economies continue to lead the world in economic freedom, Hong Kong maintains its position as the world's freest economy, a distinction it has enjoyed for 16 consecutive years. Singapore remains close, ranked as the world's second freest economy. Australia and New Zealand, ranked 3rd and 4th this year.

Economic freedom improves the overall quality of life, promotes political and social progress, and supports environmental protection. Despite being one of the fastest growing economies in the world, India is languishing down in the Index of Economic Freedom 2010. India is ranked 124th among 183 countries in the index prepared by The Heritage Foundation along with the Wall Street Journal.

The 10 components of economic freedom include freedom in business, trade, investment, fiscal and monetary actions, government spending, property rights, freedom from corruption and labour rigidities. Surprisingly, political freedom is not considered to calculate economic freedom. India's economic freedom score is 53.8, classifying the country as a mostly 'unfree' economy. Its score is 0.6 point lower than last year due to a decline in freedom in areas such as business and monetary actions and higher level of corruption.

According to the findings of the index, the overall freedom to start, operate, and close a business remains restricted by India's regulatory environment adversely impacting business freedom in India.

What does the level of economic freedom indicate?

- ☐ a) Improved quality of life, the degree of political, social growth and environmental protection.
- ☐ b) Enhanced regulatory control over the economic activities in the respective economy
- ☐ c) It rates the political freedom enjoyed by the citizens of the respective economies
- ☐ d) (a) and (c)

27 of 100

166 PU_2016_314_E

An account in which trading of shares in their electronic form is done is known as:-

- ☐ NRE account
- ☐ FCNR account
- ☐ Demat account
- ☐ NRO account

28 of 100

124 PU_2016_314_E

Computer software includes:-

- ☐ Operating system programs
- ☐ Application programs
- ☐ Packaged programs
- ☐ All of these

29 of 100

169 PU_2016_314_E

SENSEX is the index of:-

- ☐ Chennai Stock exchange
- ☐ Cochin stock exchange
- ☐ Bombay stock exchange
- ☐ National stock exchange

30 of 100

177 PU_2016_314_E

RBI was nationalized in the year:-

- ☐ 1959
- ☐ 1949
- ☐ 1947
- ☐ 1945

31 of 100

158 PU_2016_314_E

What is meant by Repo rate?

- ☐ When a bank is in need of cash it can discount bills of exchange and avail loan facilities from Reserve Bank of India.
- ☐ When a bank has excess cash, they buy securities from RBI against cash on the condition that they resell the securities to RBI on a pre fixed day and price
- ☐ It is rate at which RBI allows temporary loan facilities to commercial banks against government securities on the condition that the bank will repurchase the securities within a short period.
- ☐ It is a rate which is offered by banks to their most valued customers or prime customers

32 of 100

149 PU_2016_314_E

Consider the following statements

- 1) Gandhiji, while in London, had a personal association with Karl Marx, even if he disagreed with some of Marx's ideas.
- 2) Jawaharlal Nehru and Subhash Bose helped in founding the Independence for Indian League.
- 3) The primary membership of the Congress was barred for any members who were part of any socio-religious bodies.

Which of the statements given above is/are correct?

- ☐ 1, 2 and 3
- ☐ 2 and 3 only
- ☐ 1 and 3 only
- ☐ 1 and 2 only

33 of 100

195 PU_2016_314_E

A man walks 20 m towards south. Then turning to his right he walks 30 m, then turning to his left he walks 20 m. Again turning to his left he walks 30 m. How far is he from his Starting position?

- ☐ 80 m
- ☐ 30 m
- ☐ 20 m
- ☐ 40 m

34 of 100

168 PU_2016_314_E

Fourteen banks were nationalized in the country during the first phase on:-

- ☐ 18.07.1969
- ☐ 19.07.1969
- ☐ 19.07.1970
- ☐ 19.07.1971

35 of 100

180 PU_2016_314_E

Term Bull and Bear market is associated with which branch of commercial activity?

- ☐ Manufacturing
- ☐ Foreign Trade
- ☐ Banking
- ☐ Share Market

36 of 100

160 PU_2016_314_E

National income is based on the:-

- ☐ Sum of all factor incomes
- ☐ Total revenue of the State
- ☐ Production of goods and services
- ☐ Net profit earned and expenditure made by the State

37 of 100

147 PU_2016_314_E

In India, which state is top in organ donation?

- ☐ Kerala
- ☐ Andhra Pradesh
- ☐ Karnataka
- ☐ Tamil Nadu

38 of 100

153 PU_2016_314_E

In which year was the Banking Regulation Act passed?

- ☐ 1955
- ☐ 1971
- ☐ 1949
- ☐ 1969

39 of 100

130 PU_2016_314_E

The information stored in CD-ROM is in the form of:-

- ☐ digital
- ☐ Binary
- ☐ analog
- ☐ codes

40 of 100

122 PU_2016_314_E

A _____ is approximately one billion bytes.

- ☐ Bit
- ☐ megabyte
- ☐ gigabyte
- ☐ kilobyte

41 of 100

104 PU_2016_314_E

Read the following passage carefully and answer the questions given below it.

Economic freedom is the fundamental right of every human to control his or her own labour and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way they please. In economically free societies, governments allows labor, capital and goods to move freely and refrain from coercion or constrain liberty beyond the extent necessary to protect and maintain liberty itself.

The 2010 Index of Economic Freedom covers 183 countries around the world, ranking 179 of them with an economic freedom score based on 10 measures. The basic principles of economic freedom emphasized in the Index are individual empowerment, equitable treatment, and the promotion of competition.

Four Asia-Pacific economies continue to lead the world in economic freedom, Hong Kong maintains its position as the world's freest economy, a distinction it has enjoyed for 16 consecutive years. Singapore remains close, ranked as the world's second freest economy. Australia and New Zealand, ranked 3rd and 4th this year.

Economic freedom improves the overall quality of life, promotes political and social progress, and supports environmental protection. Despite being one of the fastest growing economies in the world, India is languishing down in the Index of Economic Freedom 2010. India is ranked 124th among 183 countries in the index prepared by The Heritage Foundation along with the Wall Street Journal.

The 10 components of economic freedom include freedom in business, trade, investment, fiscal and monetary actions, government spending, property rights, freedom from corruption and labour rigidities. Surprisingly, political freedom is not considered to calculate economic freedom. India's economic freedom score is 53.8, classifying the country as a mostly 'unfree' economy. Its score is 0.6 point lower than last year due to a decline in freedom in areas such as business and monetary actions and higher level of corruption.

According to the findings of the index, the overall freedom to start, operate, and close a business remains restricted by India's regulatory environment adversely impacting business freedom in India.

What is meant by the term economic freedom from the passage?

- ☐ Freedom to go, earn, acquire and invest beyond the geographical boundary
- ☐ Freedom to control one's labour and property
- ☐ Tax-free income received
- ☐ All of the above

42 of 100

132 PU_2016_314_E

On how many documents one can work simultaneously in MS Word?

- ☐ either one or two
- ☐ Any number
- ☐ Two
- ☐ One

43 of 100

133 PU_2016_314_E

Which of the following is a popular DOS based spreadsheet?

- ☐ Lotus 1-2-3
- ☐ Smart Cell
- ☐ Excel
- ☐ Word

44 of 100

145 PU_2016_314_E

An instrument which is used to measure the speed of wind:-

- ☐ Hydrometer
- ☐ Wind wane
- ☐ Anemometer
- ☐ barometer

45 of 100

138 PU_2016_314_E

The First Bank established in India was:-

- ☐ Traders Bank
- ☐ Bank of Hindustan
- ☐ State Bank of India
- ☐ Punjab National Bank

46 of 100

175 PU_2016_314_E

Which account is the odd one?

- ☐ Stock of raw materials
- ☐ Furniture
- ☐ Land and buildings
- ☐ Plant and machinery

47 of 100

108 PU_2016_314_E

Read the following passage carefully and answer the questions given below it.

Economic freedom is the fundamental right of every human to control his or her own labour and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way they please. In economically free societies, governments allows labor, capital and goods to move freely and refrain from coercion or constrain liberty beyond the extent necessary to protect and maintain liberty itself.

The 2010 Index of Economic Freedom covers 183 countries around the world, ranking 179 of them with an economic freedom score based on 10 measures. The basic principles of economic freedom emphasized in the Index are individual empowerment, equitable treatment, and the promotion of competition.

Four Asia-Pacific economies continue to lead the world in economic freedom, Hong Kong maintains its position as the world's freest economy, a distinction it has enjoyed for 16 consecutive years. Singapore remains close, ranked as the world's second freest economy. Australia and New Zealand, ranked 3rd and 4th this year.

Economic freedom improves the overall quality of life, promotes political and social progress, and supports environmental protection. Despite being one of the fastest growing economies in the world, India is languishing down in the Index of Economic Freedom 2010. India is ranked 124th among 183 countries in the index prepared by The Heritage Foundation along with the Wall Street Journal.

The 10 components of economic freedom include freedom in business, trade, investment, fiscal and monetary actions, government spending, property rights, freedom from corruption and labour rigidities. Surprisingly, political freedom is not considered to calculate economic freedom. India's economic freedom score is 53.8, classifying the country as a mostly 'unfree' economy. Its score is 0.6 point lower than last year due to a decline in freedom in areas such as business and monetary actions and higher level of corruption.

According to the findings of the index, the overall freedom to start, operate, and close a business remains restricted by India's regulatory environment adversely impacting business freedom in India.

India ranks in the Economic Freedom Index at:-

- ☐ Below 100
- ☐ 24
- ☐ Above 1000
- ☐ 179

48 of 100

172 PU_2016_314_E

_____ is termed as the lifeblood of a firm.

- ☐ Technology
- ☐ Finance
- ☐ Employee
- ☐ Management

49 of 100

146 PU_2016_314_E

Which is the largest city in Madhya Pradesh?

- ☐ Gwalior
- ☐ Bhopal
- ☐ Indore
- ☐ Jabalpur

50 of 100

100 PU_2016_314_E

Choose the correct word which is most nearly the SAME in meaning to the word given below.

Endowments

- ☐ Greetings
- ☐ Gifts
- ☐ Great
- ☐ Nation

51 of 100

103 PU_2016_314_E

Choose the exact word which is OPPOSITE in meaning to the word given below

Pivotal

- ☐ key
- ☐ irrelevant
- ☐ vital
- ☐ crucial

52 of 100

156 PU_2016_314_E

The treasury bills are issued at a:-

- ☐ a) Discount
- ☐ b) Premium
- ☐ c) Face value

- ☐ d) (a) and (b)

53 of 100

182 PU_2016_314_E

The term paper gold is associated with?

- ☐ Currency in Gold standard
- ☐ World Bank
- ☐ Deficit
- ☐ IMF

54 of 100

126 PU_2016_314_E

The process of transferring files from Internet to a computer is called:-

- ☐ Uploading
- ☐ FTP
- ☐ Forwarding
- ☐ Downloading

55 of 100

102 PU_2016_314_E

Choose the exact word which is OPPOSITE in meaning to the word given below

Crucial

- ☐ followed
- ☐ central
- ☐ Trivial
- ☐ chased

56 of 100

186 PU_2016_314_E

Ram bought a T.V. with 20% discount on the labeled price. Had he bought it with 25% discount, he would have saved Rs. 500/-. At what price did he buy the TV?

- ☐ Rs.7000
- ☐ Rs. 6,000
- ☐ Rs. 9000
- ☐ Rs.8,000

57 of 100

106 PU_2016_314_E

Read the following passage carefully and answer the questions given below it.

Economic freedom is the fundamental right of every human to control his or her own labour and property. In an economically free society, individuals are free to work, produce, consume, and invest in any way

they please. In economically free societies, governments allows labor, capital and goods to move freely and refrain from coercion or constrain liberty beyond the extent necessary to protect and maintain liberty itself.

The 2010 Index of Economic Freedom covers 183 countries around the world, ranking 179 of them with an economic freedom score based on 10 measures. The basic principles of economic freedom emphasized in the Index are individual empowerment, equitable treatment, and the promotion of competition.

Four Asia-Pacific economies continue to lead the world in economic freedom, Hong Kong maintains its position as the world's freest economy, a distinction it has enjoyed for 16 consecutive years. Singapore remains close, ranked as the world's second freest economy. Australia and New Zealand, ranked 3rd and 4th this year.

Economic freedom improves the overall quality of life, promotes political and social progress, and supports environmental protection. Despite being one of the fastest growing economies in the world, India is languishing down in the Index of Economic Freedom 2010. India is ranked 124th among 183 countries in the index prepared by The Heritage Foundation along with the Wall Street Journal.

The 10 components of economic freedom include freedom in business, trade, investment, fiscal and monetary actions, government spending, property rights, freedom from corruption and labour rigidities. Surprisingly, political freedom is not considered to calculate economic freedom. India's economic freedom score is 53.8, classifying the country as a mostly 'unfree' economy. Its score is 0.6 point lower than last year due to a decline in freedom in areas such as business and monetary actions and higher level of corruption.

According to the findings of the index, the overall freedom to start, operate, and close a business remains restricted by India's regulatory environment adversely impacting business freedom in India.

Countries covered by the Economic Freedom Index-2010 number

- ☐ 208
- ☐ 183
- ☐ 179
- ☐ 54

58 of 100

128 PU_2016_314_E

Blue tooth' technology allows:-

- ☐ Signal transmission on mobile phones only
- ☐ Landline phone to mobile phone communication
- ☐ Wireless communication between equipments
- ☐ Satellite communication

59 of 100

184 PU_2016_314_E

Which of the following is not a stock index?

- ☐ NASDAQ
- ☐ Dow Jones

- ☐ RBI
- ☐ S&P 500

60 of 100

154 PU_2016_314_E

In which year does the RBI has introduced the Banking Ombudsman Scheme?

- ☐ 1998
- ☐ 2000
- ☐ 2002
- ☐ 1995

61 of 100

224 PU_2016_314_M

In Yoga, Bhujangasana represents which animal?

- ☐ Eagle
- ☐ Snake
- ☐ Cat
- ☐ Pigeon

62 of 100

250 PU_2016_314_M

Ravi is son of Rahul's father's sister. Sahil is son of Divya who is the mother of Gaurav and grandmother of Rahul. Ashok is father of Tanya and grandfather of Ravi. Divya is wife of Ashok.

How is Ravi related to Divya?

- ☐ son
- ☐ Grandson
- ☐ Nephew
- ☐ Data inadequate

63 of 100

228 PU_2016_314_M

The first Indian Woman to be bestowed by Asian Football Award with the title of Women in Football is:-

- ☐ Aditi Chauhan
- ☐ Tanvie Hans
- ☐ Monica Sharma
- ☐ AjanaSaikla

64 of 100

242 PU_2016_314_M

Study the following graph carefully to answer the following question.

Percent Profit Earned by Two Companies Producing Electronic Goods over the Years.

$$\% \text{profit} = (\text{Profit Earned} / \text{Total investment}) * 100$$

$$\text{Profit Earned} = \text{Total Income} - \text{Total investment in the year}$$



If the profit earned in 2006 by company B was 8,12,500, what was the total income of the Company in that year?

- ☐ Rs.12,500,000
- ☐ Rs. 16,50,000
- ☐ Rs. 20,62,500
- ☐ Rs. 18,25,000

65 of 100

252 PU_2016_314_M

Ravi is son of Rahul's father's sister. Sahil is son of Divya who is the mother of Gaurav and grandmother of Rahul. Ashok is father of Tanya and grandfather of Ravi. Divya is wife of Ashok.

How many male members are there in the family?

- ☐ 5
- ☐ 6
- ☐ 2
- ☐ 3

66 of 100

247 PU_2016_314_M

Study the following graph carefully to answer the following question.

Percent Profit Earned by Two Companies Producing Electronic Goods over the Years.

$$\% \text{profit} = (\text{Profit Earned} / \text{Total investment}) * 100$$

$$\text{Profit Earned} = \text{Total Income} - \text{Total investment in the year}$$



If the amount invested by company B in 2004 is Rs.12 lakhs and the income of 2004 is equal to the investment in 2005, what was the amount of profit earned in 2005 by company B?

- ☐ Rs.10.23 lakhs
- ☐ Rs. 6.8 lakhs
- ☐ Rs. 9.6 lakhs
- ☐ Rs. 8 .6lakhs

67 of 100

222 PU_2016_314_M

According to the Economic Survey for 2013-14, India had the second fastest growing service sector over the 11-year period from 2001 to 2012. Which country had the fastest growing service sector?

- ☐ UK
- ☐ North America
- ☐ South America
- ☐ China

68 of 100

226 PU_2016_314_M

How many countries are in the European union?

- ☐ 27
- ☐ 30
- ☐ 28
- ☐ 29

69 of 100

230 PU_2016_314_M

Which of the followings are salient features of Special Electronic Fund Transfer Scheme?

- ☐ Same day inter-bank transfer of funds between accounts maintained in any of the participating branches. Only those branches are covered that have networking
- ☐ Scheme is available in over 2500 bank branches in 500 cities
- ☐ 3SEFT settlement cycles on weekdays and 2 cycles on Saturday
- ☐ All of the above

70 of 100

236 PU_2016_314_M

Acronym of FEMA is:-

- ☐ Food Exchange Maintenance Authority
- ☐ Food Exchange Management Act
- ☐ Foreign Exchange Maintenance Authority
- ☐ Foreign Exchange Management Act

71 of 100

256 PU_2016_314_M

A,B,C,D,E,F,G and H are sitting around a circle facing the centre. H is fourth to the left of B and second to the right of F. A is third to the left of C, who is not an immediate neighbour of F, G is second to the left of A and D is second to the right of E.

Which of the following pairs represents the immediate neighbours of E?

- ☐ DH
- ☐ CA
- ☐ HC
- ☐ Data inadequate

72 of 100

253 PU_2016_314_M

A,B,C,D,E,F,G and H are sitting around a circle facing the centre. H is fourth to the left of B and second to the right of F. A is third to the left of C, who is not an immediate neighbour of F, G is second to the left of A and D is second to the right of E.

Who is on the immediate right of F?

- ☐ G
- ☐ H
- ☐ A
- ☐ Data inadequate

73 of 100

251 PU_2016_314_M

Ravi is son of Rahul's father's sister. Sahil is son of Divya who is the mother of Gaurav and grandmother of Rahul. Ashok is father of Tanya and grandfather of Ravi. Divya is wife of Ashok.

How is Gaurav's Wife related to Tanya?

- ☐ Sister-in-law
- ☐ Niece
- ☐ Sister
- ☐ Data inadequate

74 of 100

233 PU_2016_314_M

A social enterprise is concerned with?

- ☐ Maximizing market share
- ☐ Running a business to create social benefits
- ☐ Providing public service
- ☐ Profit maximization

75 of 100

255 PU_2016_314_M

A,B,C,D,E,F,G and H are sitting around a circle facing the centre. H is fourth to the left of B and second to the right of F.A is third to the left of C, who is not an immediate neighbour of F,G is second to the left of A and D is second to the right of E.

In which of the following pairs is the first person sitting on the immediate left of the second person?

- ☐ AF
- ☐ CE
- ☐ EH
- ☐ DB

76 of 100

220 PU_2016_314_M

User can use _____ button to cancel the last editing.

- ☐ Redo
- ☐ Shift+U
- ☐ Undo
- ☐ Ctrl+U

77 of 100

245 PU_2016_314_M

Study the following graph carefully to answer the following question.

Percent Profit Earned by Two Companies Producing Electronic Goods over the Years.

$$\% \text{profit} = (\text{Profit Earned} / \text{Total investment}) * 100$$

$$\text{Profit Earned} = \text{Total Income} - \text{Total investment in the year}$$



If the Incomes of company A in 2007 and 2008 were equal and the amount invested in 2007 was Rs. 12 lakhs, what was the amount invested in 2008?

- ☐ Rs. 12,45,000
- ☐ Rs. 10,85,700
- ☐ Rs. 12,85,000
- ☐ Rs.10,87,500

78 of 100

238 PU_2016_314_M

The population of a town two years ago was 45000. It increased by 12% in the first year and decreased by 15% in the second year. What is the population of the town at the end of two years?

- ☐ 42840
- ☐ 57960
- ☐ 50400
- ☐ 44820

79 of 100

225 PU_2016_314_M

Ethyl Mercaptan is found in which household appliance/object?

- ☐ Refrigerator
- ☐ Washing Machine
- ☐ Air conditioner
- ☐ LPG Cylinder

80 of 100

231 PU_2016_314_M

A bag contains 4 white and 6 black balls. Two balls are drawn at random. What is the probability that both are white.

- ☐ 2/10.
- ☐ 2/4.
- ☐ 2/15.
- ☐ 1/6.

81 of 100

270 PU_2016_314_D

A man coming out of the back door of his house, which is facing East, walked for one kilometre, turned to his right and walked for another kilometre. Then he turned to his right and walked a kilometre again. Where was he from his house at the end?

- ☐ 1 km away in East
- ☐ 1 km away in North
- ☐ 1 km away in South
- ☐ 1 km away in West

82 of 100

262 PU_2016_314_D

Objective of liquidity management is to:-

- ☐ a) Ensure profitability
- ☐ b) Ensure liquidity
- ☐ c) Either (a) or (b)
- ☐ d) Both (a) and (b)

83 of 100

294 PU_2016_314_D

Justice J.S. Verma Committee has recently submitted its report on amendments to the criminal law. Which of the following is/are a part of its recommendations?

- (1) Establishment of special tribunals to try cases of sexual violence by armed forces in areas covered by AFSPA legislation.
- (2) Setting up of Special Commissioners for women safety, having powers to initiate criminal prosecution.
- (3) Setting up of a constitutional body to ensure non-discrimination of women and children.
- (4) Application of death penalty only in rarest cases of sexual assault.

Select the correct answer.

- ☐ 2, 3 and 4 only
- ☐ 1 and 2 only
- ☐ 2 and 3 only
- ☐ 1, 2, 3 and 4

84 of 100

275 PU_2016_314_D

Study the following two tables carefully to answer the question given below.

Sales of six companies from 2008-09 to 2013-14

Company Year	P	Q	R	S	T	U
2008-09	1,680	1,520	1,320	1,140	960	1,210
2009-10	1,780	1,540	1,440	1,280	1,040	1,320
2010-11	1,750	1,620	1,470	1,360	1,160	1,380
2011-12	1,820	1,680	1,560	1,440	1,260	1,450
2012-13	1,860	1,740	1,680	1,520	1,320	1,520
2013-14	1,920	1,820	1,760	1,660	1,450	1,640

Profit percentages of the six companies from 2008-09 to 2013-14.

Company year	P	Q	R	S	T	U
2008-09	12%	-6%	20%	20%	-20%	10%
2009-10	10%	40%	-4%	-20%	30%	20%
2010-11	25%	8%	5%	-15%	-13%	15%
2011-12	30%	-17%	30%	-10%	-16%	16%
2012-13	24%	16%	20%	-5%	20%	-20%
2013-14	20%	30%	-12%	-16%	18%	-18%

Note: (i) Profit=sale-cost of production

(ii) Profit%= (Profit/cost of production)*100

(iii) (-) sign indicates loss

In 2009-10, what was the total cost of production of companies P and T together?

- ☐ Rs. 2,000 cr
- ☐ Rs. 2,400 cr
- ☐ Rs. 1,800 cr
- ☐ Rs. 2,100 cr

Study the following two tables carefully to answer the question given below.

Sales of six companies from 2008-09 to 2013-14

Company Year	P	Q	R	S	T	U
2008-09	1,680	1,520	1,320	1,140	960	1,210
2009-10	1,780	1,540	1,440	1,280	1,040	1,320
2010-11	1,750	1,620	1,470	1,360	1,160	1,380
2011-12	1,820	1,680	1,560	1,440	1,260	1,450
2012-13	1,860	1,740	1,680	1,520	1,320	1,520
2013-14	1,920	1,820	1,760	1,660	1,450	1,640

Profit percentages of the six companies from 2008-09 to 2013-14.

Company year	P	Q	R	S	T	U
2008-09	12%	-6%	20%	20%	-20%	10%
2009-10	10%	40%	-4%	-20%	30%	20%
2010-11	25%	8%	5%	-15%	-13%	15%
2011-12	30%	-17%	30%	-10%	-16%	16%
2012-13	24%	16%	20%	-5%	20%	-20%
2013-14	20%	30%	-12%	-16%	18%	-18%

Note: (i) Profit=sale-cost of production

(ii) Profit%= (Profit/cost of production)*100

(iii) (-) sign indicates loss

In 2011-12, what was the ratio of the cost of production of the companies S and U together to the overall profit of the same two companies?

- ☐ 325:6
☐ 285:4
☐ 245:3

☐ 205:2

86 of 100

273 PU_2016_314_D

Which of the following are the recommendations of the Rangarajan Committee on the sugar Industry?

1. Levy obligation for sugar mills should be phased out
2. State Administered Price (SAP) set by states should be replaced by Fair and Remunerative Price set by the centre
3. Export and Import policy should not be guided by domestic availability
4. The sugar mills must share 70% of the value of sugar and each by-product as cane dues payable to the farmers

Select the correct answer from the codes given below:-

- ☐ 1, 2 and 3 only
- ☐ 1, 2 and 4 only
- ☐ 1 and 2 only
- ☐ 1, 2, 3 and 4

87 of 100

296 PU_2016_314_D

Examine the following statements

- 1) Recently, 57th session of the commission on the Status of Women (CSW) took place in New York
- 2) The theme of the session was 'The empowerment of rural women and their role in poverty and hunger eradication
- 3) No accord could be signed at the session due to lack of consensus among the developing and developed countries.
- 4) The Commission on the Status of Women (CSW) is a functional commission working under the United Nations Economic and Social Council (ECOSOC)

Which of the statements given above are correct?

- ☐ 1,2,3 and 4
- ☐ 1 and 4 only
- ☐ 2 and 3 only
- ☐ 1,2 and 4 only

88 of 100

264 PU_2016_314_D

The Cash Reserve Ratio is fixed by:-

- ☐ Central Government
- ☐ Reserve Bank of India
- ☐ Ministry of Finance
- ☐ Finance Commission

89 of 100

283 PU_2016_314_D

Read the following information carefully and answer the question given below it:

On a shelf, six volumes of cassettes are placed side by side labeled M,N,O,P,Q,R. Three volumes M,P and Q have white covers while the other volumes have red covers; M,P and N are new volumes while the rest are old volumes M,O and N are English films while the rest are Hindi films

Which is the white covered, new English film?

- ☐ N
- ☐ M
- ☐ O
- ☐ P

90 of 100

269 PU_2016_314_D

From a solution that has milk and water in the ratio 5:3, 'x' percent is removed and replaced with water. The concentration of milk in the resulting solution lies between 30% and 50%. Which of the following best describes the value of 'x'?

- ☐ $30 < x < 55$
- ☐ $20 < x < 52$
- ☐ $10 < x < 25$
- ☐ $20 < x < 50$

91 of 100

292 PU_2016_314_D

Consider the following statements about Chandrayan-2

- (1) India is set to launch its 2nd mission to the Moon through its indigenously built lunar orbiter and rover.
- (2) India will seek Russian assistance as it did in Chandrayan-1.
- (3) India will launch the mission with its Geosynchronous Satellite Launch Vehicle (GSLV).

Which statements is/are incorrect?

- ☐ neither 1 nor 2
- ☐ 3 only
- ☐ 2 only
- ☐ 1 only

92 of 100

282 PU_2016_314_D

Read the following information carefully and answer the question given below it:

On a shelf, six volumes of cassettes are placed side by side labeled M,N,O,P,Q,R. Three volumes M,P and Q have white covers while the other volumes have red covers; M,P and N are new volumes while the rest are old volumes M,O and N are English films while the rest are Hindi films

Which of the following is the old volume of a Hindi film?

- ☐ P

- ☐ Q
- ☐ R
- ☐ O

93 of 100

298 PU_2016_314_D

Which of the following categories of people are covered by the recently launched Rashtriya Bal Swasthya Karyakram?

- (1) All girls under the age of 18.
- (2) All boys under the age of 18.
- (3) Pregnant and lactating mothers.

Select the correct answer from the codes given below.

- ☐ 1, 2 and 3
- ☐ 2 only
- ☐ 1 only
- ☐ 1 and 2 only

94 of 100

297 PU_2016_314_D

Consider the following statements with respect to various enforcement agencies for defence, maintaining security, law and order in India. Which of the following statements regarding them are true?

- 1. Border Security Force's (BSF) primary mission is to ensure the national security and defence of the republic of India from external aggression and threats.
- 2. CISF provide security cover to both public as well as private sector installations.

Select the correct answer from the codes given below.

- ☐ 1 only
- ☐ both 1 and 2
- ☐ 2 only
- ☐ neither 1 nor 2

95 of 100

288 PU_2016_314_D

Which of the following facts is/are correct about BrahMos?

- (1) The BrahMos missile system is yet to be inducted into the Indian armed forces.
- (2) BrahMos is capable of acquiring data from the Russian GLONASS satellite system only and not from the American GPS satellite system.

Select the correct answer from the codes given below.

- ☐ neither 1 nor 2
- ☐ both 1 and 2
- ☐ 2 only
- ☐ 1 only

96 of 100

260 PU_2016_314_D

What is the address given to a computer connected to a network?

- ☐ SYSID
- ☐ System Address
- ☐ IP Address
- ☐ Process ID

97 of 100

284 PU_2016_314_D

Read the following information carefully and answer the question given below it:

On a shelf, six volumes of cassettes are placed side by side labeled M,N,O,P,Q,R. Three volumes M,P and Q have white covers while the other volumes have red covers; M,P and N are new volumes while the rest are old volumes M,O and N are English films while the rest are Hindi films

Which is red covered old English film of cassette?

- ☐ P
- ☐ R
- ☐ Q
- ☐ O

98 of 100

279 PU_2016_314_D

Study the following two tables carefully to answer the question given below.

Sales of six companies from 2008-09 to 2013-14

Company \ Year	P	Q	R	S	T	U
2008-09	1,680	1,520	1,320	1,140	960	1,210
2009-10	1,780	1,540	1,440	1,280	1,040	1,320
2010-11	1,750	1,620	1,470	1,360	1,160	1,380
2011-12	1,820	1,680	1,560	1,440	1,260	1,450
2012-13	1,860	1,740	1,680	1,520	1,320	1,520
2013-14	1,920	1,820	1,760	1,660	1,450	1,640

Profit percentages of the six companies from 2008-09 to 2013-14.

Company year	P	Q	R	S	T	U
2008-09	12%	-6%	20%	20%	-20%	10%
2009-10	10%	40%	-4%	-20%	30%	20%
2010-11	25%	8%	5%	-15%	-13%	15%
2011-12	30%	-17%	30%	-10%	-16%	16%
2012-13	24%	16%	20%	-5%	20%	-20%
2013-14	20%	30%	-12%	-16%	18%	-18%

- Note: (i) Profit=sale-cost of production
(ii) Profit%= (Profit/cost of production)*100
(iii) (-) sign indicates loss

For which company was the increase in the cost of production from 2008-09 to 2013-14 the highest?

- ☐ T
☐ S
☐ Q
☐ R

99 of 100

286 PU_2016_314_D

Which of the following statements regarding Lok Adalats is/are correct?

- (1) These are executive and not statutory bodies.
(2) The award made by it is final and binding on all parties.
(3) Along with civil cases involving land acquisition, labour disputes, consumer grievances etc., disputes relating to public utility services are also settled in Lok Adalats.
(4) It is one form of alternative disputes resolution.

Select the correct answer from the codes given below.

- ☐ both 1 and 2
☐ 2 only
☐ neither 1 nor 2
☐ 1 only

100 of 100

266 PU_2016_314_D

Kisan Vikas Patra is a saving certificate scheme which was first launched in by India Post in:-

- ☐ 1998
- ☐ 1988
- ☐ 2000
- ☐ 2008

Sr No.	MSC Quantative Finance
1	Which fraction comes next in the sequence
	$\frac{1}{2}, \frac{3}{4}, \frac{5}{8}, \frac{7}{16}, ?$
Alt1	9/32
Alt2	10/17
Alt3	11/34
Alt4	12/35

2	Choose the missing term out of the given options: Ac _ cab _ baca _ aba _ acac
Alt1	aacb
Alt2	acbc
Alt3	babb
Alt4	bcbb

3	Leaf is related to Sap in the same way as Bone is related.....?.....
Alt1	Fluid
Alt2	Blood
Alt3	Marrow
Alt4	Calcium

4	Select the lettered pair that has the same relationship as the original pair of words: Rotate: Gyrate
Alt1	Putrefy: Reject
Alt2	Anachronism: Cubism
Alt3	Accolade: Criticism
Alt4	Absolve: Exonerate

5	Choose the alternative, which is similar to the given words: Liver : Heart : Kidney
Alt1	Blood
Alt2	Nose
Alt3	Lung
Alt4	Urine

6	Spot the defective segment from the following:
Alt1	The more you read
Alt2	the more will you
Alt3	get to know
Alt4	about more things

7	Choose the meaning of the idiom/phrase from among the options given: A rainy day
Alt1	a holiday
Alt2	a difficult time
Alt3	a fine day
Alt4	a wet day

8	The villagers plan to ----- the elections in protest.
Alt1	avoid
Alt2	ignore
Alt3	neglect
Alt4	boycott

9	Choose the option closest in meaning to the given word: PUERILE
Alt1	vulgar
Alt2	perverse
Alt3	childish
Alt4	young

10	Choose the antonymous option you consider the best: OBTUSE
Alt1	fast
Alt2	sharp
Alt3	reliable
Alt4	lucid

11	In a Cricket tournament, each of the six teams will play every other team exactly once during the league phase. How many matches will be played during the league phase in total ?
Alt1	12
Alt2	36
Alt3	15
Alt4	24

12	A walks 10 metres in front and 10 metres to the right. The every time turning to his left, he waks 5, 15 and 15 metres respectively. How far is he now from the starting point ?
Alt1	15 metres
Alt2	5 metres
Alt3	10 metres
Alt4	30 metres

13	The sum of the income of A and B is more than that of C and D taken together. The sum of the income of A and C is the same as that of b and D taken together. Moreover, A earns half as much as the sum of the income of b and D. Whose income is he highest ?
Alt1	A
Alt2	B

Alt3	C
Alt4	D

14	Five boys A, B, C, D and E are seated on a bench. A is to the left of C. b is to the immediate right of D and there are two people between C and D. E is to the extreme right of the row. Who is exactly at the middle of this group ?
Alt1	A
Alt2	B
Alt3	C
Alt4	E

15	A man is facing south. He turns 1350 in the anticlockwise direction and then 1800 in the clockwise direction. Which direction is he facing now?
Alt1	North East
Alt2	North West
Alt3	South East
Alt4	South West

16	Find the number which when added to itself 17 times becomes 126.
Alt1	13
Alt2	7
Alt3	9
Alt4	18

17	Ravi is exactly 9999 days old today. How old is he?
Alt1	27
Alt2	28
Alt3	26
Alt4	29

18	A Maths teacher usually has 21 students in his class. A,B & C are asleep. D&E are in the bathroom and the teacher has sent F&G to the principal's office. How many students are left in the classroom?
Alt1	18
Alt2	19
Alt3	15
Alt4	17

19	JIPMER is coded as 589142; AIPMT is coded as 78910; Then JEE is coded as
Alt1	910
Alt2	544
Alt3	789
Alt4	914

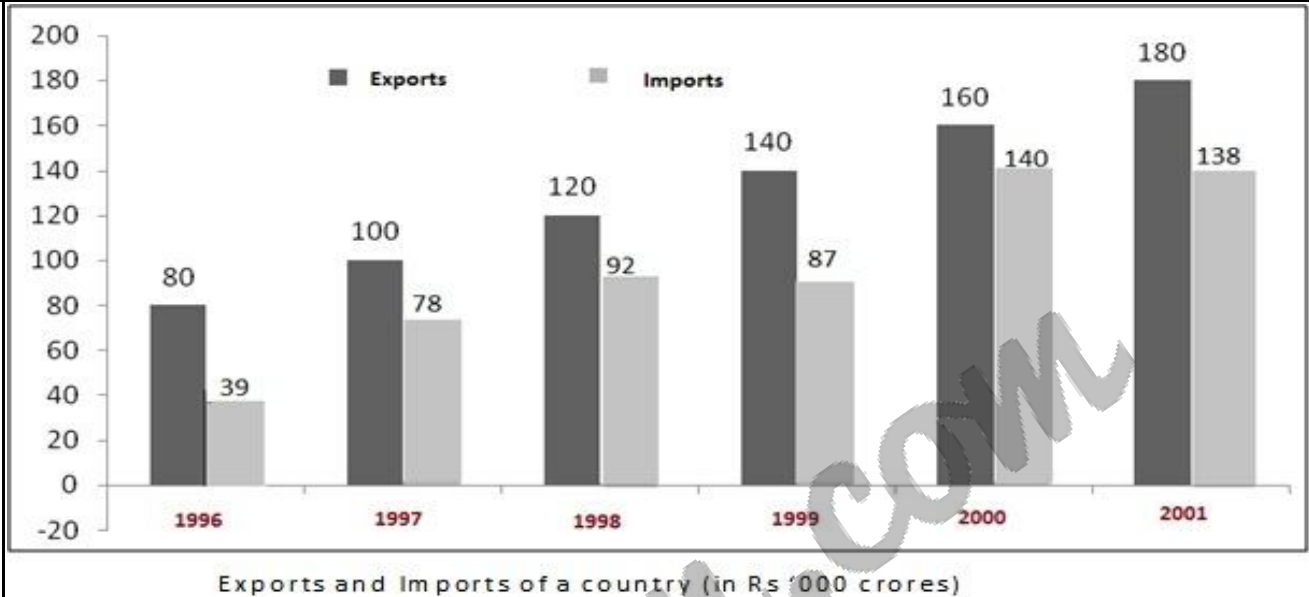
20	Mr. Arvind drove 90 km at 30 kmph and then an additional 90 km at 45 kmph. What is his average speed over his 180 km ?
Alt1	37.5 kmph
Alt2	35 kmph
Alt3	36 kmph
Alt4	38 kmph

21	In how many of the given years was the exports at least 10% more than the imports?																					
	<p>Exports and Imports of a country (in Rs '000 crores)</p> <table><thead><tr><th>Year</th><th>Exports</th><th>Imports</th></tr></thead><tbody><tr><td>1996</td><td>80</td><td>39</td></tr><tr><td>1997</td><td>100</td><td>78</td></tr><tr><td>1998</td><td>120</td><td>92</td></tr><tr><td>1999</td><td>140</td><td>87</td></tr><tr><td>2000</td><td>160</td><td>140</td></tr><tr><td>2001</td><td>180</td><td>138</td></tr></tbody></table>	Year	Exports	Imports	1996	80	39	1997	100	78	1998	120	92	1999	140	87	2000	160	140	2001	180	138
Year	Exports	Imports																				
1996	80	39																				
1997	100	78																				
1998	120	92																				
1999	140	87																				
2000	160	140																				
2001	180	138																				
Alt1	0																					
Alt2	1																					
Alt3	6																					
Alt4	3																					

22	What was the average export (in Rs. '000 crores) for the given period?																					
	<p>Exports and Imports of a country (in Rs '000 crores)</p> <table><thead><tr><th>Year</th><th>Exports</th><th>Imports</th></tr></thead><tbody><tr><td>1996</td><td>80</td><td>39</td></tr><tr><td>1997</td><td>100</td><td>78</td></tr><tr><td>1998</td><td>120</td><td>92</td></tr><tr><td>1999</td><td>140</td><td>87</td></tr><tr><td>2000</td><td>160</td><td>140</td></tr><tr><td>2001</td><td>180</td><td>138</td></tr></tbody></table>	Year	Exports	Imports	1996	80	39	1997	100	78	1998	120	92	1999	140	87	2000	160	140	2001	180	138
Year	Exports	Imports																				
1996	80	39																				
1997	100	78																				
1998	120	92																				
1999	140	87																				
2000	160	140																				
2001	180	138																				
Alt1	145																					

Alt2	130
Alt3	126
Alt4	119

- 23 From 1997 to 2001, in which year was the percentage growth in exports, when compared to the previous year, the highest?



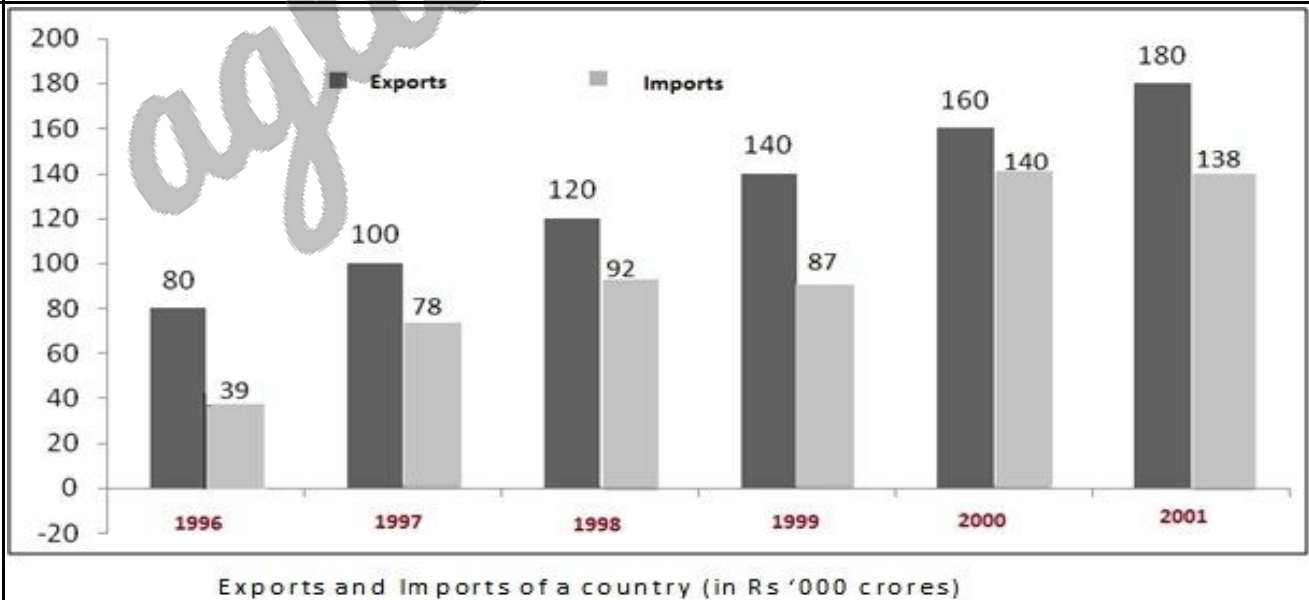
Alt1 1997

Alt2 1996

Alt3 1999

Alt4 1998

- 24 What is the simple average annual growth rate in the imports from 1997 to 2001?



Alt1 25 %

Alt2 16 %

Alt3 19 %

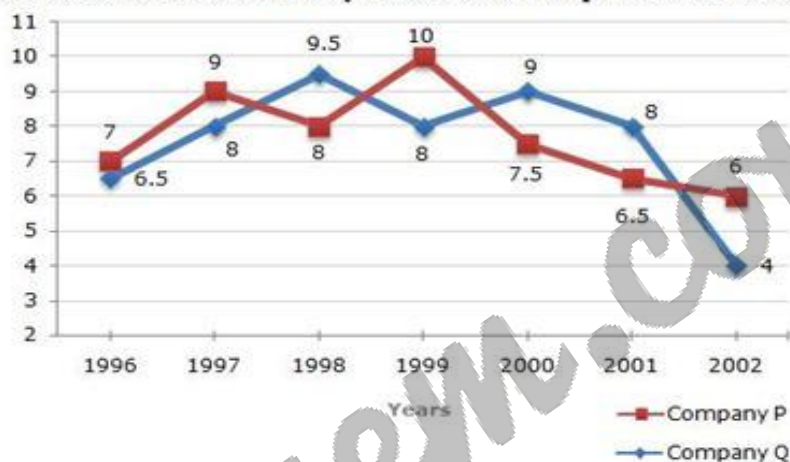
Alt4 0.34

- 25 A sum of Rs. 4.75 lakhs was invested in Company Q in 1999 for one year. How much more interest would have been earned if the sum was invested in Company P?

A sum of Rs. 4.75 lakhs was invested in Company Q in 1999 for one year. How much more interest would have been earned if the sum was invested in Company P?

Two different finance companies declare fixed annual rate of interest on the amounts invested with them by investors. The rate of interest offered by these companies may differ from year to year depending on the variation in the economy of the country and the banks rate of interest. The annual rate of interest offered by the two Companies P and Q over the years are shown by the line graph provided below.

Annual Rate of Interest Offered by Two Finance Companies Over the Years.



Alt1 Rs. 19,000

Alt2 Rs. 14,250

Alt3 Rs. 11,750

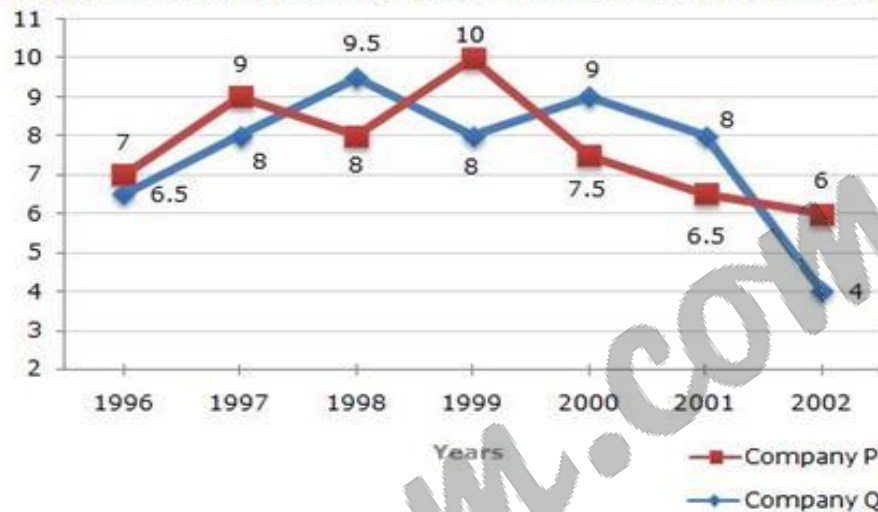
Alt4 Rs. 9500

- 26 In 2000, a part of Rs. 30 lakhs was invested in Company P and the rest was invested in Company Q for one year. The total interest received was Rs. 2.43 lakhs. What was the amount invested in Company P?

In 2000, a part of Rs. 30 lakhs was invested in Company P and the rest was invested in Company Q for one year. The total interest received was Rs. 2.43 lakhs. What was the amount invested in Company P?

Two different finance companies declare fixed annual rate of interest on the amounts invested with them by investors. The rate of interest offered by these companies may differ from year to year depending on the variation in the economy of the country and the banks rate of interest. The annual rate of interest offered by the two Companies P and Q over the years are shown by the line graph provided below.

Annual Rate of Interest Offered by Two Finance Companies Over the Years.



Alt1 Rs. 9 lakhs

Alt2 Rs. 11 lakhs

Alt3 Rs. 12 lakhs

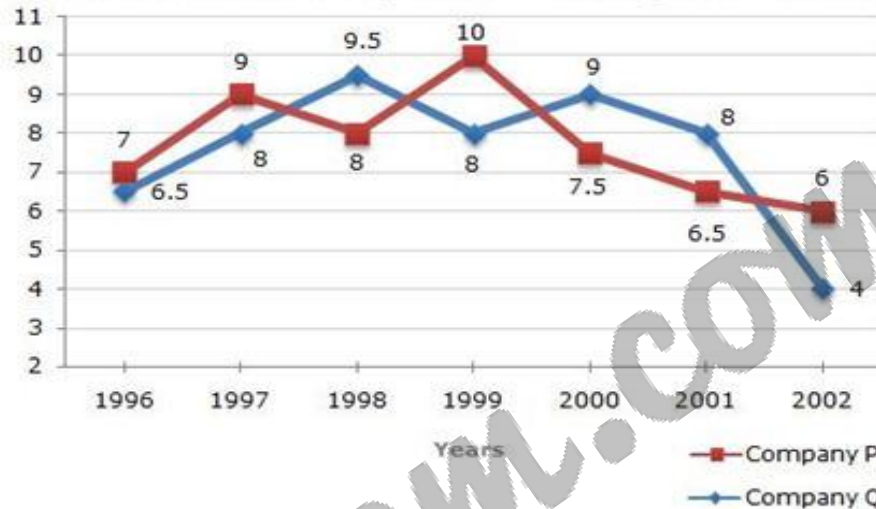
Alt4 Rs. 18 lakhs

- 27 An investor invested Rs. 5 lakhs in Company Q in 1996. After one year, the entire amount along with the interest was transferred as investment to Company P in 1997 for one year. What amount will be received from Company P, by the investor?

An investor invested Rs. 5 lakhs in Company Q in 1996. After one year, the entire amount along with the interest was transferred as investment to Company P in 1997 for one year. What amount will be received from Company P, by the investor?

Two different finance companies declare fixed annual rate of interest on the amounts invested with them by investors. The rate of interest offered by these companies may differ from year to year depending on the variation in the economy of the country and the banks rate of interest. The annual rate of interest offered by the two Companies P and Q over the years are shown by the line graph provided below.

Annual Rate of Interest Offered by Two Finance Companies Over the Years.



Alt1 Rs. 5,94,550

Alt2 Rs. 5,80,425

Alt3 Rs. 5,77,800

Alt4 Rs. 5,77,500

28 What is the average amount of interest per year which the company had to pay during this period ?

Study the following table chart and answer the questions based on it. Expenditures of a Company (in Lakh Rupees) per annum over the given Years.

Year	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

Alt1 Rs. 36.66 lakhs

Alt2 Rs. 36.36 lakhs

Alt3 Rs. 36.26 lakhs

Alt4 Rs. 36.06 lakhs

29	The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period ?																																				
	<p>Study the following table chart and answer the questions based on it.Expenditures of a Company(in Lakh Rupees) per annum over the given Years.</p> <table><tr><th>Year</th><th>Salary</th><th>FuelandTransport</th><th>Bonus</th><th>InterestonLoans</th><th>Taxes</th></tr><tr><td>1998</td><td>288</td><td>98</td><td>3.00</td><td>23.4</td><td>83</td></tr><tr><td>1999</td><td>342</td><td>112</td><td>2.52</td><td>32.5</td><td>108</td></tr><tr><td>2000</td><td>324</td><td>101</td><td>3.84</td><td>41.6</td><td>74</td></tr><tr><td>2001</td><td>336</td><td>133</td><td>3.68</td><td>36.4</td><td>88</td></tr><tr><td>2002</td><td>420</td><td>142</td><td>3.96</td><td>49.4</td><td>98</td></tr></table>	Year	Salary	FuelandTransport	Bonus	InterestonLoans	Taxes	1998	288	98	3.00	23.4	83	1999	342	112	2.52	32.5	108	2000	324	101	3.84	41.6	74	2001	336	133	3.68	36.4	88	2002	420	142	3.96	49.4	98
Year	Salary	FuelandTransport	Bonus	InterestonLoans	Taxes																																
1998	288	98	3.00	23.4	83																																
1999	342	112	2.52	32.5	108																																
2000	324	101	3.84	41.6	74																																
2001	336	133	3.68	36.4	88																																
2002	420	142	3.96	49.4	98																																
Alt1	.5%																																				
Alt2	1%																																				
Alt3	1.5%																																				
Alt4	2%																																				

30	Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002 ?																																				
	<p>Study the following table chart and answer the questions based on it.Expenditures of a Company(in Lakh Rupees) per annum over the given Years.</p> <table><tr><th>Year</th><th>Salary</th><th>FuelandTransport</th><th>Bonus</th><th>InterestonLoans</th><th>Taxes</th></tr><tr><td>1998</td><td>288</td><td>98</td><td>3.00</td><td>23.4</td><td>83</td></tr><tr><td>1999</td><td>342</td><td>112</td><td>2.52</td><td>32.5</td><td>108</td></tr><tr><td>2000</td><td>324</td><td>101</td><td>3.84</td><td>41.6</td><td>74</td></tr><tr><td>2001</td><td>336</td><td>133</td><td>3.68</td><td>36.4</td><td>88</td></tr><tr><td>2002</td><td>420</td><td>142</td><td>3.96</td><td>49.4</td><td>98</td></tr></table>	Year	Salary	FuelandTransport	Bonus	InterestonLoans	Taxes	1998	288	98	3.00	23.4	83	1999	342	112	2.52	32.5	108	2000	324	101	3.84	41.6	74	2001	336	133	3.68	36.4	88	2002	420	142	3.96	49.4	98
Year	Salary	FuelandTransport	Bonus	InterestonLoans	Taxes																																
1998	288	98	3.00	23.4	83																																
1999	342	112	2.52	32.5	108																																
2000	324	101	3.84	41.6	74																																
2001	336	133	3.68	36.4	88																																
2002	420	142	3.96	49.4	98																																
Alt1	61%																																				
Alt2	47%																																				
Alt3	59%																																				
Alt4	69%																																				

31	The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately?
----	---

Study the following table chart and answer the questions based on it. Expenditures of a Company (in Lakh Rupees) per annum over the given Years.

Year	Salary	Fuel and Transport	Bonus	Interest on Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

Alt1 4:13

Alt2 7:13

Alt3 10:13

Alt4 11:13

32

16. The inverse of $\begin{pmatrix} 3 & 1 \\ 5 & 2 \end{pmatrix}$ is

(a) $\begin{pmatrix} 2 & -1 \\ -5 & 3 \end{pmatrix}$

(b) $\begin{pmatrix} -2 & 5 \\ 1 & -3 \end{pmatrix}$

(c) $\begin{pmatrix} 3 & -1 \\ -5 & -3 \end{pmatrix}$

(d) $\begin{pmatrix} -3 & 5 \\ 1 & -2 \end{pmatrix}$

Alt1 A

Alt2 B

Alt3 C

Alt4 D

33

17. The differential equation of straight lines passing through the origin is

(a) $x \frac{dy}{dx} = y$

(b) $\frac{dy}{dx} = \frac{x}{y}$

(c) $\frac{dy}{dx} = 0$

(d) $x \frac{dy}{dx} = \frac{1}{y}$

Alt1 A

Alt2	B
Alt3	C
Alt4	D

34	Mean and Variance of binomial distribution are
Alt1	nq, npq
Alt2	np, np
Alt3	np, npq
Alt4	none of the above

35	For a standard normal distribution, the mean and variance are
Alt1	0,0
Alt2	1,1
Alt3	0,1
Alt4	1,0

36	A time series is a set of data recorded
Alt1	Periodically
Alt2	at equal time intervals
Alt3	at successive points of time
Alt4	all the above

37	A bag contains an equal number of one rupee, 50 paise and 25 paise coins. If the total amount in the bag is Rs. 35, how many coins of each type are there?
Alt1	15
Alt2	18
Alt3	20
Alt4	25

38	Ten years ago, P was half of Q in age. If the ratio of their present ages is 3:4, what will be the total of their present ages?
Alt1	45
Alt2	40
Alt3	35
Alt4	30

39	Present ages of Kiran and Syam are in the ratio of 5: 4 respectively. Three years hence, the ratio of their ages will become 11: 9 respectively. What is Syam's present age in years?
Alt1	28
Alt2	27
Alt3	26
Alt4	24

40	Hockey was introduced in the Asian Games in
Alt1	1958 in Tokyo
Alt2	1962 in Jakarta
Alt3	1966 in Bangkok

Alt4	1970 in Bangkok
------	-----------------

41	If $a = 0.99$, which of the following is less than a ?
Alt1	a^2
Alt2	$2/a$
Alt3	$\frac{1}{a}$
Alt4	$1/a$

42	The price of a pair of trousers was decreased by 22% to Rs.30. What was the original price of the trousers?
Alt1	35
Alt2	38.5
Alt3	30.5
Alt4	35.2

43	$\frac{d}{dx}(\ln e^{2x}) =$ a) $\frac{1}{2e^x}$ b) 2 c) $2x$ d) $\frac{2}{2e^x}$
Alt1	A
Alt2	B
Alt3	C
Alt4	D

44	Ceteris paribus, the price and yield on a bond are
Alt1	positively related
Alt2	negatively related.
Alt3	sometimes positively and sometimes negatively related.
Alt4	not related

45	A coupon bond is a bond that _____.
Alt1	pays interest on a regular basis
Alt2	does not pay interest on a regular basis but pays a lump sum at maturity
Alt3	can always be converted into a specific number of shares of common stock in the issuing company
Alt4	always sells at par value

46	A basic principle of finance is that the value of any investment is
Alt1	the present value of all future net cash flows generated by the investment
Alt2	the undiscounted sum of all future net cash flows generated by the investment
Alt3	unrelated to the future net cash flows generated by the investment
Alt4	unrelated to the degree of risk associated with the future net cash flows generated by the investment

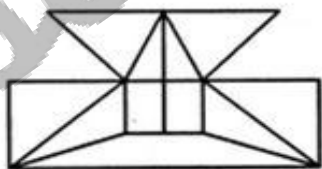
47	The expected value is the
Alt1	inverse of the standard deviation
Alt2	correlation between a security's risk and return.

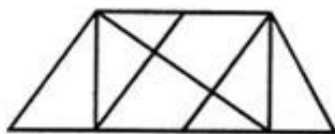
Alt3	weighted average of all possible outcomes.
Alt4	same as the discrete probability distribution

48	To determine whether portfolio performance is statistically significant requires
Alt1	a very long observation period due to the high variance of stock returns.
Alt2	a short observation period due to the high variance of stock returns.
Alt3	a very long observation period due to the low variance of stock returns.
Alt4	a short observation period due to the low variance of stock returns.

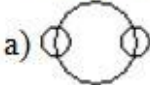

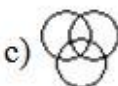
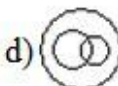
49	A fair gamble is when:
Alt1	Expected value from the gamble is greater the cost of the gamble
Alt2	Expected value from the gamble is exactly equal to the cost of the gamble
Alt3	Cost of the gamble is fairly low
Alt4	Expected value from the gamble is fairly good

50	A risk averse individual will:
Alt1	Always accept a fair gamble.
Alt2	Never accept a fair gamble.
Alt3	Will sometimes accept a fair gamble if the bet is small.
Alt4	Will only accept a fair gamble for large bet.

51	Find the minimum number of straight lines required to make the given figure.
	
Alt1	16
Alt2	17
Alt3	18
Alt4	19

52	Find the number of triangles in the given figure.
	
Alt1	8
Alt2	10
Alt3	12

Alt4	14
------	----

53	<p>Which of the following diagrams indicates the best relation between Profit, Dividend and Bonus ?</p> <p>a) </p> <p>b) </p> <p>c) </p> <p>d) </p>
Alt1	A
Alt2	B
Alt3	C
Alt4	D

54	Although some think the terms "bug" and "insect" are _____, the former term actually refers to _____ group of insects.
Alt1	parallel ; an identical
Alt2	precise ; an exact
Alt3	interchangeable ; a particular
Alt4	exclusive ; a separate

55	Like foolish people who continue to live near an active volcano, many of us are _____ about the _____ of atomic warfare and its attendant destruction.
Alt1	worried...possibility
Alt2	unconcerned...threat
Alt3	excited...power
Alt4	cheered...possession

56	In order that future generations may _____ the great diversity of animal life, it is the task of the International Wildlife Preservation Commission to prevent endangered species from becoming _____.
Alt1	recollect...tamed
Alt2	value...evolved
Alt3	enjoy...extinct
Alt4	anticipate...specialize

57	For all the _____ involved in the study of seals, we Arctic researchers have occasional moments of pure _____ over some new discovery.
Alt1	hardships...exhilaration
Alt2	confusions...bewilderment
Alt3	inconvenience...panic
Alt4	thrills...delight

58	If there is nothing to absorb the energy of sound waves, they travel on _____, but their intensity _____ as they travel further from their source.
Alt1	erratically – mitigates
Alt2	forever - increases
Alt3	steadily - stabilizes
Alt4	indefinitely – diminishes

59	If p pencils cost c paise, how many pencils can be bought for k rupees?
Alt1	100ckp
Alt2	kp / 100c
Alt3	100ck / p
Alt4	a. 100kp / c

60	The total cost of 2 pencils, 5 erasers and 7 sharpeners is Rs.30, while 3 pencils and 5 sharpeners cost Rs.15 more than 6 erasers. By what amount (in Rs.) does the cost of 39 erasers and 1 sharpener exceed the cost of 6 pencils?
Alt1	20
Alt2	30
Alt3	It does not exceed
Alt4	Cannot be determined

61	What is the remainder when 7700 is divided by 100?
Alt1	1
Alt2	61
Alt3	41
Alt4	21

62	A sequence of 4 digits, when considered as a number in base 10 is four times the number it represents in base 6. What is the sum of the digits of the sequence?
Alt1	7
Alt2	6
Alt3	9
Alt4	8

63	A wooden box (open at the top) of thickness 0.5, length 21, width 11 and height 6 is painted on the inside. The expenses of the painting are Rs. 70. What is the rate of painting?
Alt1	Re 0.7
Alt2	Re 0.5
Alt3	Re 0.1
Alt4	Re 0.2

64	Instead of a meter scale, a cloth merchant uses a 120cm scale while buying but uses an 80cm scale while selling the same cloth. What's his overall profit percentage?
Alt1	0.5
Alt2	0.25
Alt3	0.4
Alt4	0.15

65	From a circular sheet of paper with a radius 20cm, four circles of radius 5cm each is cut out. What is the ratio of the uncut to the cut portion?
Alt1	1:3
Alt2	4:1
Alt3	3:1
Alt4	4:3

66	If $X = (163 + 173 + 183 + 193)$, then divided by 70 leaves a reminder of
Alt1	0
Alt2	1
Alt3	69
Alt4	35

67	Two boats, traveling at 5 and 10 kms per hour, head directly towards each other. They begin at a distance of 20 kms from each other. How far apart are they (in kms) one minute before they collide?
Alt1	1/12
Alt2	1/6
Alt3	1/4
Alt4	1/3

68	If the sum of the first 11 terms of an arithmetic progression equals that of the first 19 terms, then what is the sum of the first 30 terms?
Alt1	0
Alt2	-1
Alt3	1
Alt4	Not Unique

69	If a man cycles at 10 km/hr, then he arrives at a certain place at 1 p.m. If he cycles at 15 km/hr, he will arrive at the same place at 11 a.m. At what speed must he cycle to get there at noon?
Alt1	11 km/hr
Alt2	12 km/hr
Alt3	13 km/hr
Alt4	14 km/hr

70	A milkman mixes 20 litres of water with 80 litres of milk. After selling one-fourth of this mixture, he adds water to replenish the quantity that he had sold. What is the current proportion of water to milk?
Alt1	0.085416667
Alt2	0.043055556
Alt3	0.04375
Alt4	0.127777778

71	In Nuts And Bolts factory, one machine produces only nuts at the rate of 100 nuts per minute and needs to be cleaned for 5 minutes after production of every 1000 nuts. Another machine produces only bolts at the rate of 75 bolts per minute and needs to be cleaned for 10 minutes after production of every 1500 bolts. If both the machines start production at the same time, what is the minimum duration required for producing 9000 pairs of nuts and bolts?
Alt1	130 minutes
Alt2	135 minutes
Alt3	170 minutes
Alt4	180 minutes

72	In a chess competition involving some boys and girls of a school, every student had to play exactly one game with every other student. It was found that in 45 games both the players were girls, and in 190 games both were boys. The number of games in which one player was a boy and the other was a girl is
Alt1	200
Alt2	216
Alt3	235
Alt4	256

73	5. Let S be the set of five-digit numbers formed by digits 1, 2, 3, 4 and 5, using each digit exactly once such that exactly two odd positions are occupied by odd digits. What is the sum of the digits in the rightmost position of the numbers in S?
Alt1	228
Alt2	216
Alt3	294
Alt4	192

74	The rightmost non-zero digits of the number $302720!$ is
Alt1	1
Alt2	3
Alt3	7
Alt4	9

75	Rectangular tiles each of size 70 cm by 30 cm must be laid horizontally on a rectangular floor of size 110 cm by 130 cm, such that the tiles do not overlap. A tile can be placed in any orientation so long as its edges are parallel to the edges of the floor. No tile should overshoot any edge of the floor. The maximum number of tiles that can be accommodated on the floor is
Alt1	4
Alt2	5
Alt3	6
Alt4	7

76	In the X-Y plane, the area of the region bounded by the graph $xy^2 + y^2 = 4$ is
Alt1	8
Alt2	12
Alt3	16
Alt4	20

77	A telecom service provider engages male and female operators for answering 1000 calls per day. A male operator can handle 40 calls per day whereas a female operator can handle 50 calls per day. The male and the female operators get a fixed wage of Rs. 250 and Rs. 300 per day respectively. In addition, a male operator gets Rs. 15 per call he answers and female operator gets Rs. 10 per call she answers. To minimize the total cost, how many male operators should the service provider employ assuming he has to employ more than 7 of the 12 female operators available for the job?
Alt1	15
Alt2	14
Alt3	12
Alt4	10

78	Three Englishmen and three Frenchmen work for the same company. Each of them knows a secret not known to others. They need to exchange these secrets over person-to-person phone calls so that eventually each person knows all six secrets. None of the Frenchmen knows English, and only one Englishman knows French. What is the minimum number of phone calls needed for the above purpose?
Alt1	5
Alt2	10
Alt3	9
Alt4	15

79	A rectangular floor is fully covered with square tiles of identical size. The tiles on the edges are white and the tiles in the interior are red. The number of white tiles is the same as the number of red tiles. A possible value of the number of tiles along one edge of the floor is
Alt1	10
Alt2	12
Alt3	14
Alt4	16

80	Which among $2\frac{1}{2}$, $3\frac{1}{3}$, $4\frac{1}{4}$, $6\frac{1}{6}$, is the largest?
Alt1	2.5
Alt2	3.33333333
Alt3	4.25
Alt4	6.16666667

81	The length, breadth and height of a room are in the ratio 3 : 2 : 1. If the breadth and height are halved while the length is doubled, then the total area of the four walls of the room will
Alt1	remain the same
Alt2	decrease by 13.64%
Alt3	decrease by 18.75%
Alt4	decrease by 30%

82	Ten years ago, the ages of the members of a joint family of eight people added up to 231 years. Three years later, one member died at the age of 60 years and a child was born during the same year. After another three years, one more member died, again at 60, and a child was born during the same year. The current average age of this eight-member joint family is nearest to
----	---

Alt1	23 years
Alt2	22 years
Alt3	21 years
Alt4	24 years

83	Suppose you have a currency, named Miso, in three denominations: 1 Miso, 10 Misos and 50 Misos. In how many ways can you pay a bill of 107 Misos?
Alt1	17
Alt2	16
Alt3	18
Alt4	15

84	The integers 1, 2, ..., 40 are written on a blackboard. The following operation is then repeated 39 times: In each repetition, any two numbers, say a and b, currently on the blackboard are erased and a new number $a + b - 1$ is written. What will be the number left on the board at the end?
Alt1	820
Alt2	821
Alt3	781
Alt4	819

85	What are the last two digits of 72008?
Alt1	21
Alt2	61
Alt3	1
Alt4	41

86	The number of common terms in the two sequences 17, 21, 25,..., 417 and 16, 21, 26,..., 466 is
Alt1	78
Alt2	19
Alt3	20
Alt4	77

87	In a triangle ABC, the lengths of the sides AB and AC equal 17.5 cm and 9 cm respectively. Let D be a point on the line segment BC such that AD is perpendicular to BC. If AD = 3 cm, then what is the radius (in cm) of the circle circumscribing the triangle ABC?
Alt1	17.05
Alt2	27.85
Alt3	22.45
Alt4	26.25

88	Consider obtuse-angled triangles with sides 8 cm, 15 cm and x cm. If x is an integer, then how many such triangles exist?
Alt1	5
Alt2	21
Alt3	10
Alt4	15

89	What is the number of distinct terms in the expansion of $(a + b + c)^{20}$?
Alt1	231
Alt2	253
Alt3	242
Alt4	210

90	Rahim plans to drive from city A to station C, at the speed of 70 km per hour, to catch a train arriving there from B. He must reach C at least 15 minutes before the arrival of the train. The train leaves B, located 500 km south of A, at 8:00 am and travels at a speed of 50 km per hour. It is known that C is located between west and northwest of B, with BC at 60° to AB. Also, C is located between south and southwest of A with AC at 30° to AB. The latest time by which Rahim must leave A and still catch the train is closest to
Alt1	0.260416667
Alt2	0.270833333
Alt3	0.28125
Alt4	0.291666667

91	A student took five papers in an examination, where the full marks were the same for each paper. His marks in these papers were in the proportion of 6 : 7 : 8 : 9 : 10. In all papers together, the candidate obtained 60% of the total marks. Then the number of papers in which he got more than 50% marks is
Alt1	2
Alt2	3
Alt3	4
Alt4	5

92	A red light flashes three times per minute and a green light flashes five times in 2 min at regular intervals. If both lights start flashing at the same time, how many times do they flash together in each hour?
Alt1	30
Alt2	24
Alt3	20
Alt4	60

93	Of 128 boxes of oranges, each box contains at least 120 and at most 144 oranges. The number of boxes containing the same number of oranges is at least
Alt1	5
Alt2	103
Alt3	6
Alt4	Cannot be determined

94	A certain city has a circular wall around it, and this wall has four gates pointing north, south, east and west. A house stands outside the city, 3 km north of the north gate, and it can just be seen from a point 9 km east of the south gate. What is the diameter of the wall that surrounds the city?
Alt1	6 km
Alt2	9 km
Alt3	12 km

Alt4	None of these
------	---------------

95	A can complete a piece of work in 4 days. B takes double the time taken by A, C takes double that of B, and D takes double that of C to complete the same task. They are paired in groups of two each. One pair takes two-thirds the time needed by the second pair to complete the work. Which is the first pair?
Alt1	A and B
Alt2	A and C
Alt3	B and C
Alt4	A and D

96	Two men X and Y started working for a certain company at similar jobs on January 1, 1950. X asked for an initial salary of Rs. 300 with an annual increment of Rs. 30. Y asked for an initial salary of Rs. 200 with a rise of Rs. 15 every 6 months. Assume that the arrangements remained unaltered till December 31, 1959. Salary is paid on the last day of the month. What is the total amount paid to them as salary during the period?
Alt1	Rs. 93,300
Alt2	Rs. 93,200
Alt3	Rs. 93,100
Alt4	None of these

97	A college has raised 75% of the amount it needs for a new building by receiving an average donation of Rs. 600 from the people already solicited. The people already solicited represent 60% of the people the college will ask for donations. If the college is to raise exactly the amount needed for the new building, what should be the average donation from the remaining people to be solicited?
Alt1	Rs. 300
Alt2	Rs. 250
Alt3	Rs. 400
Alt4	Rs. 500

98	A ladder leans against a vertical wall. The top of the ladder is 8 m above the ground. When the bottom of the ladder is moved 2 m farther away from the wall, the top of the ladder rests against the foot of the wall. What is the length of the ladder?
Alt1	10 m
Alt2	15 m
Alt3	20 m
Alt4	17 m

99	If 09/12/2001(DD/MM/YYYY) happens to be Sunday, then 09/12/1971 would have been a
Alt1	Wednesday
Alt2	Tuesday
Alt3	Saturday
Alt4	Thursday

100	All the page numbers from a book are added, beginning at page 1. However, one page number was added twice by mistake. The sum obtained was 1000. Which page number was added twice?
-----	---

Alt1	44
Alt2	45
Alt3	10
Alt4	12

aglasem.com

Examination: M.Sc. Quantative Finance

Section 1 - Section 1

Question No.1

4.00

Bookmark ☐

Consider the following statements about Bitcoins:

1. Bitcoins is virtual currency that enables payment in a decentralized peer-to-peer networks.
2. In India, Bitcoins are controlled and regulated by RBI.
3. Bitcoins are listed on Indian Commodity Exchanges for trading.

Which of the above statements is/are correct?

- ☐ Statements 1 and 3 Only
- ☐ Statements 1 Only
- ☐ Statements 1, 2 and 3.
- ☐ Statements 1 and 2 Only

Question No.2

4.00

Bookmark ☐

Courier charges for packages to a certain destination are Rs. 65/- for the first 250 grams and Rs. 10/- for each additional 100 grams or part there of. What could be the possible weight in Kg of a package for which the charge is Rs.155/- ?

- ☐ 1.325 kg
- ☐ 1.148 kg
- ☐ 1.155 kg
- ☐ 1.280 kg

Question No.3

4.00

Bookmark ☒

The cost of manufacture of an article is made up of four components A, B, C and D which have a ratio of 3:4:5:6, respectively. If there are respective changes in the cost of + 10%, -20%, -30% and + 40%, then what would be the percentage change in the cost?

- ☐ 2.22%
- ☐ 3.21%
- ☐ 1.10%
- ☐ 4.32%

Question No.4

4.00

Bookmark ☐

6 people meet for a business lunch. Each person shakes hands once with each other person present. How many handshakes take place?

- ☐ 15
- ☐ 30
- ☐ 18
- ☐ 21

Question No.5

4.00

Bookmark ☐

A man buys an article for Rs.27.50 and sells it for Rs.28.60. Find his gain percent.

- ☐ 12%
- ☐ 6%
- ☐ 8%
- ☐ 4%

Question No.6

4.00

Bookmark ☐

Microsoft word in an example of _____.

- ☐ Application Software
- ☐ Processing Device
- ☐ System Software
- ☐ Operating Software

Question No.7

4.00

Bookmark ☒

Choose the best antonym of the italicized word.

There has always been a feeling of *rancour* between the two families.

- ☐ A
- ☐ E
- ☐ B
- ☐ D

Question No.8

4.00

Bookmark ☐

Study the following information carefully and answer the question below it:

P, Q, R, S T went on a picnic. P is son of Q but Q is not the father of P. R is the son of S, who is the brother of P. T is the wife of S.

How is P related to S?

- ☐ Brother
- ☐ Father
- ☐ Nephew
- ☐ None of these

Question No.9

4.00

Bookmark ☐

We're late again for the test, _____?

- ☐ No improvement
- ☐ came
- ☐ comes
- ☐ will have come

Question No.10

4.00

Bookmark ☐

A kilobyte also referred to as KB is equal to _____.

- ☐ 2048 Bytes
- ☐ 512 Bytes
- ☐ 1024 Bytes
- ☐ 1000 Bytes

Question No.11

4.00

Bookmark ☒

If $\frac{a}{b} - \frac{b}{c} = 3$, then find the value of $\frac{a^3}{b^3} + \frac{b^3}{a^3}$

- ☐ $10\sqrt{13}$
- ☐ $13\sqrt{3}$
- ☐ $13\sqrt{10}$
- ☐ $10\sqrt{3}$

Question No.12

4.00

Bookmark ☐

The difference between compound and simple interest at 5% per annum for 4 years on Rs. 20,000/- is

- ☐ Rs.310/-
- ☐ Rs.277/-
- ☐ Rs.300/-
- ☐ Rs.250/-

Question No.13

4.00

Bookmark ☒

If the average marks of three batches of 55, 60 and 45 students respectively is 50, 55 and 60, then the average marks of all the students is _____.

- ☐ 53.33
- ☐ 48
- ☐ 54.68
- ☐ 57

Question No.14

4.00

Bookmark ☐

The first generation computer was based on which technology?

- ☐ Transistor
- ☐ VLSI
- ☐ LSI
- ☐ Vacuum Tube

Question No.15

4.00

Bookmark ☐

People in the age group of 40 to 50 years are more likely to purchase ice cream and are more likely to purchase it in large amounts than are members of any other age group. The general perception that teenagers eat more ice cream than adults must, therefore, be incorrect.

The argument is flawed primarily because the author

- ☐ does not specify the precise amount of ice cream purchased by any demographic group
- ☐ discusses ice cream rather than more nutritious and healthful foods
- ☐ depends on popular belief rather than on documented research findings
- ☐ fails to distinguish between purchasing and consuming

Question No.16

4.00

Bookmark ☐

On solving $a^4 + a^6$, answer will be _____.

- ☐ $3a^{10}$
- ☐ $8a^5$
- ☐ $7a^{11}$
- ☐ $5a^{12}$

Question No.17

4.00

Bookmark ☐

The government requires *that these forms should be submitted* before the end of the financial year.

- ☐ these forms submission
- ☐ that these forms be submitted
- ☐ for these forms to be submitted
- ☐ these forms should be submitted

Question No.18

4.00

Bookmark ☐

If Road is coded as WTFI, what is the code for BEAT

- ☐ ABCD
- ☐ HIGZ
- ☐ DEFG
- ☐ GJFY

Question No.19

4.00

Bookmark ☐

_____ is the process of simultaneous sale and purchase is done in order to take advantage of the price variations in two different markets.

- ☐ Naked Sale
- ☐ Hedge
- ☐ Short Selling
- ☐ Arbitrage

Question No.20

4.00

Bookmark ☐

The memory sizes in mainframe computers and advanced technology micro computers are expressed as _____.

- ☐ Kilobytes
- ☐ Bytes
- ☐ Bits
- ☐ Megabytes

Question No.21

4.00

Bookmark ☐

If ZEBRA can be written as 2652181, how can COBRA be written?

- ☐ 31822151
- ☐ 1182153
- ☐ 302181
- ☐ 3152181

Question No.22

4.00

Bookmark ☐

Li-Fi (Light Fidelity):

1. Is a fast and cheap optical version of Wi-Fi.
2. Is based on LED's for the transfer of Data.
3. Its Works only in the direct line of sight.

Which of the above statements is/are correct?

- ☐ Statements 1 and 3 Only
- ☐ Statements 2 and 3 Only
- ☐ Statements 1 and 2 Only
- ☐ Statements 1, 2 and 3.

Question No.23

4.00

Bookmark ☐If x/y is an integer, which of the following statements must be true?

- ☐ y/x is an integer
- ☐ x is an integer
- ☐ both x and y are integers
- ☐ $x = ny$ where n is an integer

Question No.24

4.00

Bookmark ☐

Arun invested a certain sum of money in a bank that paid simple interest. The amount grew to Rs. 240 at the end of 2 years. He waited for another 3 years and got a final amount of Rs. 300. What was the principal amount that he invested at the beginning?

- ☐ Rs. 200
- ☐ Rs. 185
- ☐ Rs. 175
- ☐ Rs. 150

Question No.25

4.00

Bookmark ☐Expand and simplify $(x - 5)(x + 4)$

- ☐ $x^2 - x - 1$
- ☐ $x^2 + 9x - 20$
- ☐ $x^2 - x - 20$
- ☐ $x^2 - x - 9$

Question No.26

4.00

Bookmark ☐

The price of a commodity is reduced by 25 percent. The new price is reduced by a further 20 percent. The two reductions together are equal to a single reduction of

- ☐ 38.25%
- ☐ 42.50%
- ☐ 45%
- ☐ 40%

Question No.27

4.00

Bookmark ☐

There are two positive numbers in the ration 5:8. If the larger number exceeds the smaller by 15, then find the smaller number.

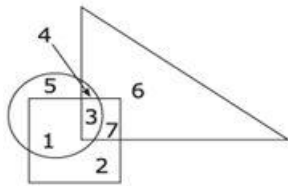
- ☐ 20
- ☐ 30
- ☐ 35
- ☐ 25

Question No.28

4.00

Bookmark ☐

Circle indicates 'strong', square indicates 'tall' and triangle 'army officers'. The strong army officers who are not tall are shown



- ☐ 4
- ☐ 3
- ☐ 5
- ☐ 6

Question No.29

4.00

Bookmark ☐

China's economy continues to flourish this year: industrial production *grew*, inflation has eased and the trade surplus swelled

- ☐ has grown, inflation has eased, and the trade surplus swelled
- ☐ is growing, inflation easing and the trade surplus swelling
- ☐ has grown, inflation eased, and the trade surplus is swelling
- ☐ has grown, inflation eased, and the trade surplus has swelled

Question No.30

4.00

Bookmark ☒

What is the remainder when 263251 is divided by 9?

- ☐ 3
- ☐ 6
- ☐ 8
- ☐ 1

Question No.31

4.00

Bookmark ☐

Open Market Operation (OMO) is tool used to control supply of money by purchasing or selling government securities in open market. It is regulated by

- ☐ RBI
- ☐ IBRD
- ☐ SBI
- ☐ IMF

Question No.32

4.00

Bookmark ☐

A network that is connected to the Internet, but uses encryption to scramble all the data sent through the Internet is called?

- ☐ Social Network
- ☐ Wide Area Network
- ☐ Cloud Network
- ☐ Virtual Private Network

Question No.33

4.00

Bookmark ☐

Find the odd one out?

- ☐ Flourish
- ☐ Renovate
- ☐ Blossom
- ☐ Thrive

Question No.34

4.00

Bookmark ☐**Statement:** Warning: Cigarette smoking is injurious to Health**Assumptions:**

I. Non-Smoking Promotes Health

II. This warning is not necessary

- ☐ If only assumption I is implicit
- ☐ If only assumption II is implicit
- ☐ If neither I nor II is implicit
- ☐ If both I and II are implicit

Question No.35

4.00

Bookmark ☐

This pup is very naughty. It is always _____ some mischief or the other.

- ☐ Monday
- ☐ Sunday
- ☐ Wednesday
- ☐ Tuesday

Question No.36

4.00

Bookmark ☐

Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph?

- ☐ Aunt
- ☐ Sister
- ☐ Grandmother
- ☐ Daughter

Question No.37

4.00

Bookmark ☐

Find the odd one out

- a. Debit
- b. Deposit
- c. Deduction
- d. Withdrawal

- ☐ Debit
- ☐ Deposit
- ☐ Withdrawal
- ☐ Deduction

Question No.38

4.00

Bookmark ☐

GUI stands for _____.

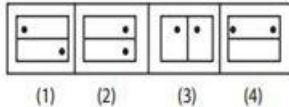
- ☐ Graph Use Interface
- ☐ Graphical Unique Interface
- ☐ Graphical User Interface
- ☐ Graphical Universal Interface

Question No.39

4.00

Bookmark ☐

Choose the figure which is different :



- ☐ 4
- ☐ 1
- ☐ 3
- ☐ 2

Question No.40

4.00

Bookmark ☐

Study the following information carefully and answer the question below it

The Director of an MBA college has decided that six guest lectures on the topics of Motivation, Decision Making, Quality Circle, Assessment Centre, Leadership and Group Discussion are to be organised on each day from Monday to Sunday.

- (i) One day there will be no lecture (Saturday is not that day), just before that day Group Discussion will be organised.
- (ii) Motivation should be organised immediately after Assessment Centre.
- (iii) Quality Circle should be organised on Wednesday and should not be followed by Group Discussion
- (iv) Decision Making should be organised on Friday and there should be a gap of two days between Leadership and Group Discussion

On which day the lecture on Leadership will be organised?

- ☐ Monday
- ☐ Saturday
- ☐ Thursday
- ☐ Tuesday

Question No.41

4.00

Bookmark ☒On solving $2p - 3q - 4r + 6r - 2q + p$, answer will be _____.

- ☐ $8q - 5r$
- ☐ $7p + 5r$
- ☐ $10p + 3q - 5r$
- ☐ $3p - 5q + 2r$

Question No.42

4.00

Bookmark ☐

Man : Biography : : Nation : ?

- ☐ Leader
- ☐ History
- ☐ Geography
- ☐ People

Question No.43

4.00

Bookmark ☐

If $-4x + 5y$ is subtracted from $3x + 2y$ then answer will be _____.

- ☐ $x - 3y$
- ☐ $x + 3y$
- ☐ $2x + 5y$
- ☐ $3x + 6y$

Question No.44

4.00

Bookmark ☒

Sum of $2s + 4t - 3u + 5v$, $-s + 2t + 9u - 11v$ and $3s - 4t + 2u - 3v$ is _____.

- ☐ $4s + 2t - 8u - 9v$
- ☐ $4s - 2t + 8u - 9v$
- ☐ $4s - 2t - 8u - 9v$
- ☐ $4s + 2t + 8u - 9v$

Question No.45

4.00

Bookmark ☐

_____ is a system, or a group of systems, that enforces an access control policy between two networks.

- ☐ Anti-virus Software
- ☐ Cookies
- ☐ Internet Protocol
- ☐ Firewall

Question No.46

4.00

Bookmark ☒

We must always try to adapt ourselves _____ our circumstances.

- ☐ Only one of the hour-long dramas remained on the air.
- ☐ Television viewers prefer news-magazine shows over hour-long dramas.
- ☐ At least one of the shows that was cancelled was an hour-long drama.
- ☐ Only one of the news-magazine shows remained on the air.

Question No.47

4.00

Bookmark ☒

Given the total revenue function $R(x) = x + 5$ from the sale of units. The average revenue of sales between $x = 15$ and $x = 20$ is....

- ☐ $1/5$
- ☐ 6
- ☐ 1
- ☐ 5

Question No.48

4.00

Bookmark ☒

By factorizing $3x - 9xy - 12z$, answer will be _____.

- ☐ $3(x - 3y - 4z)$
- ☐ $3(x + 3y - 4z)$
- ☐ $3(x + 3y + 4z)$
- ☐ $3(x - 3y + 4z)$

Question No.49

4.00

Bookmark ☐

Find the odd one out?

- ☐ Silkworm: Sericulture
- ☐ Fish : Pisciculture
- ☐ Birds : Horticulture
- ☐ Bees : Apiculture

Question No.50

4.00

Bookmark ☐

Dot-matrix, Deskjet, Inkjet and Laser are all types of which computer peripherals?

- ☐ Keyboards
- ☐ Monitors
- ☐ Printers
- ☐ Software

Question No.51

4.00

Bookmark ☐

Find the least number which when divided by 35 and 11 leaves a remainder of 1 in each case.

- ☐ 391
- ☐ 386
- ☐ 388
- ☐ 384

Question No.52

4.00

Bookmark ☒Simplify $15ax^2/5x$

- ☐ $5ax^2$
- ☐ $5ax$
- ☐ $3ax^2$
- ☐ $3ax$

Question No.53

4.00

Bookmark ☒

Ravi invested one half of his savings in a bond that paid simple interest for 2 years and received Rs. 550 as interest. He invested the remaining in a bond that paid compound interest, interest being compounded annually, for the same 2 years at the same rate of interest and received Rs. 605 as interest. What was the value of his total savings before investing in these two bonds?

- ☐ Rs. 2000
- ☐ Rs. 2750
- ☐ Rs. 1500
- ☐ Rs. 1850

Question No.54

4.00

Bookmark ☐

Photography is no longer an art form. Nowadays everyone has access to digital cameras that only need to be pointed at the subject in order to generate a perfect image. The writer of the argument apparently assumes that _____

- ☐ digital cameras can never go wrong
- ☐ the selection of the subject is not an important artistic factor in photography
- ☐ digital cameras will continue to improve in quality
- ☐ photography with all other types of camera is an art form

Question No.55

4.00

Bookmark ☐

The average of four consecutive even number is 27. The largest of these number is :

- ☐ 32
- ☐ 28
- ☐ 36
- ☐ 30

Question No.56

4.00

Bookmark ☐

The United Nations Human Development Index takes *into account life expectancy, education, as well as income per person.*

- ☐ life expectancy, education, as well as income per person into account
- ☐ into account life expectancy and education, as well as income per person
- ☐ life expectancy, education, and income per person in its account
- ☐ into account life expectancy, education, as well as income per person

Question No.57

4.00

Bookmark ☒

When the bus was at full speed, its brakes failed and an accident was _____

- ☐ Both A and R are true and R is the correct explanation of A
- ☐ A is false but R is true
- ☐ Both A and R are true and R is not the correct explanation of A
- ☐ A is true but R is false

Question No.58

4.00

Bookmark ☐

Statement: The Company has recently announced a series of incentives to the employees who are punctual and sincere.

Assumptions:

I. Those who are punctual will get motivated.

II. The Productivity of the company may increase.

- ☐ If only assumption I is implicit
- ☐ If only assumption II is implicit
- ☐ If neither I nor II is implicit
- ☐ If both I and II are implicit

Question No.59

4.00

Bookmark ☐

An Online gift store sells gift certificates in denominations of Rs. 3 and Rs. 5. The store sold 'X' Rs.3 certificates and 'Y' Rs.5 certificates worth Rs. 93 on one fine day. If 'X' and 'Y' are natural numbers, how many different values can 'X' take?

- ☐ 10
- ☐ 5
- ☐ 8
- ☐ 6

Question No.60

4.00

Bookmark ☐

What is full form of .PDF file format extension?

- ☐ Published Document Format
- ☐ Portable Document Format
- ☐ Printed Document Format
- ☐ Picture Document Format

Question No.61

4.00

Bookmark ☐

The term "Masala Bond", sometimes appearing in News is used in relation to _____

- ☐ Mixed Currency Denominated Bonds issued in Indian Capital Market
- ☐ Indian Rupee Denominated bonds issued in offshore Capital Market
- ☐ Foreign Currency Convertible Bonds issued in outside of India
- ☐ World Bank Bonds issued in Indian Markets

Question No.62

4.00

Bookmark ☒

Choose the synonym of the italicized word. Many cities were *incinerated* during the war.

- ☐ 7.50%
- ☐ 7.70%
- ☐ 7.40%
- ☐ 7.30%

Question No.63

4.00

Bookmark ☒

The Postal Life Insurance (PLI) Premium for a child aged between 3 and 10 years is half the regular premium for an adult. The registration charge are same on the child's as well as adult's insurance policy. One PLI policy premium for an adult Rs. 216 and the premium for an adult with a child (aged between 3 and 10) Rs. 327. What is the PLI premium (*excluding the registration charges*) for an adult?

- ☐ Rs. 185
- ☐ Rs. 197
- ☐ Rs. 210
- ☐ Rs. 133

Question No.64

4.00

Bookmark ☐

Any data or instruction entered into the memory of a computer is considered as _____.

- ☐ Storage
- ☐ Output
- ☐ Information
- ☐ Input

Question No.65

4.00

Bookmark ☐

If $y = \frac{x^2-1}{x^2+1}$, then $\frac{dy}{dx}$ is equal to.....

- ☐ $\left(\frac{3x}{(2+3x)} \right)$
- ☐ $\left(\frac{2x}{(2+3x)^2} \right)$
- ☐ $\left(\frac{-x}{(2+x)} \right)$
- ☐ $\left(\frac{4x}{(1+x^2)^2} \right)$

Question No.66

4.00

Bookmark ☐

The Base Erosion and Profit Shifting (BEPS) project aims to

- ☐ Encourage offshore tax avoidance by Multinational Corporation
- ☐ Method of sharing profit by Multinational Corporation
- ☐ Curb tax avoidance by Multinational Corporation
- ☐ Curb tax Evasion made by Multinational Corporation

Question No.67

4.00

Bookmark ☐

What amount does Kiran get if he invests Rs.18000 at 15% p.a. simple interest for four years?

- ☐ Rs.28800
- ☐ Rs.24800
- ☐ Rs.28400
- ☐ Rs.24400

Question No.68

4.00

Bookmark ☐

F is the brother of A, C is the daughter of A, K is the sister of F and G is the brother of C then who is the uncle of G?

- a. A
- b. K
- c. C
- d. D

- ☐ K
- ☐ C
- ☐ A
- ☐ D

Question No.69

4.00

Bookmark ☒

A tank is filled by pipe A in 20 minutes and pipe B in 30 minutes. Pipe C can empty it in 45 minutes in full tank. If C is opened for 30 minutes, then pipe A and B are also opened. The tank will be full in approx minutes.

- ☐ 8 minutes
- ☐ 11 minutes
- ☐ 12 minutes
- ☐ 7 minutes

Question No.70

4.00

Bookmark ☐

$$A \times 4 = E$$

$$B \div 4 = E$$

$$C + 4 = E$$

$$D - 4 = E$$

(AND) $A + B + C + D = 100$, then what is the value of B&C?

- ☐ (4 & 16)
- ☐ (48 & 8)
- ☐ (64 & 12)
- ☐ (32 & 16)

Question No.71

4.00

Bookmark ☐

4G VoLTE Stands for _____

- ☐ Video over Long Term Evolution
- ☐ Voice over Long Term Evolution
- ☐ Voice over Long Time Evolution
- ☐ Video over Long Time Evolution

Question No.72

4.00

Bookmark ☐

There are five books A, B, C, D and E placed on a table. If A is placed below E, C is placed above D, B is placed below A and D is placed above E, then which of the following books touches the surface of the table?

- ☐ A
- ☐ E
- ☐ C
- ☐ B

Question No.73

4.00

Bookmark ☐

Which is the number that comes next in the sequence? 9, 8, 8, 8, 7, 8, 6, ...

- ☐ 6
- ☐ 8
- ☐ 5
- ☐ 4

Question No.74

4.00

Bookmark ☐

Which one of the following is not an application software package?

- ☐ Microsoft Office
- ☐ Adobe Pagemaker
- ☐ Redhat Linux
- ☐ Open Office

Question No.75

4.00

Bookmark ☐

Which among the following is an international grouping of industrialised economies of the world?

- ☐ G-20
- ☐ OECD
- ☐ G-4
- ☐ G-8

Question No.76

4.00

Bookmark ☐

The 0 and 1 in the binary numbering system are called Binary Digits or _____.

- ☐ Bytes
- ☐ Kilobytes
- ☐ Decimal Bytes
- ☐ Bits

Question No.77

4.00

Bookmark ☐

Central Bank of China is:

- ☐ Chinese Central Bank
- ☐ Union Central Bank of China
- ☐ People's Bank of China
- ☐ Federal Bank of China

Question No.78

4.00

Bookmark ☐

For repayment of loan availed from Banks / NBFC, we come across a term known as EMI What does it stand for?

- ☐ Easy Monthly Installment
- ☐ Equal Minimum Installment
- ☐ Equated Monthly Installment
- ☐ Equal Monthly Installment

Question No.79

4.00

Bookmark ☐

Correct the error in the italicized part of the sentence by choosing the most appropriate option.
Leaving aside little room for misinterpretation, the senior politician offered clarifications about his role in the party elections.

- ☐ Cricket: Play
- ☐ Volcano: Eruption
- ☐ Care: Neglect
- ☐ Storm: Destruction

Question No.80

4.00

Bookmark ☐

Select the Pair that best represents the relationship that is given in the question:
Slapstick:Laughter

- ☐ Horror:Fear
- ☐ Mimicry:Laughter
- ☐ Clown: Comical
- ☐ Satire: Sarcasm

Question No.81

4.00

Bookmark ☒Expand and simplify $(x - 5)(x + 4)$

- ☐ $x^2 - x - 1$
- ☐ $x^2 - x - 20$
- ☐ $x^2 + 9x - 20$
- ☐ $x^2 - x - 9$

Question No.82

4.00

Bookmark ☐

80 is what percent of 64?

- ☐ 85
- ☐ 75
- ☐ 125
- ☐ 120

Question No.83

4.00

Bookmark ☐

If 'eraser' is called 'box', 'box' is called 'pencil', 'pencil' is called 'sharpener', and 'sharpener' is called 'bag', what will a child write with?

- ☐ Eraser
- ☐ Sharpener
- ☐ Bag
- ☐ Pencil

Question No.84

4.00

Bookmark ☐

While browsing internet, what do we call the area of storage that compensates for the different speeds of data flow or timings of events by temporarily holding a block of data that is waiting to be processed?

- ☐ Flash
- ☐ Trash
- ☐ Cache
- ☐ Buffer

Question No.85

4.00

Bookmark ☐

Super computers are mainly used for _____.

- ☐ Mathematical Intensive Scientific Applications
- ☐ Data-retrieval Operations
- ☐ Input-output Intensive Processing
- ☐ All of these

Question No.86

4.00

Bookmark ☒

Copula is that part of proposition which denotes the relationship between -

- ☐ Subject & Object
- ☐ Subjective & Predicate
- ☐ Known & Unknown
- ☐ Major Premise & Minor Premise

Question No.87

4.00

Bookmark ☒

A man makes 150 pots per minute. If 30 pots are packed in a case how many cases will be made ready by the Man in one hour?

- ☐ 250
- ☐ 200
- ☐ 1000
- ☐ 300

Question No.88

4.00

Bookmark ☐

Based on the following statements, which is the correct conclusion drawn. Only gentlemen can become members of the club. Many of the members of the club are officers. Some of the officers have been invited for dinner.

- ☐ Some of the officers are not gentlemen
- ☐ Only gentlemen have been invited for dinner
- ☐ All the members of the club have been invited for dinner
- ☐ All gentlemen are members of the Club

Question No.89

4.00

Bookmark ☒

_____ can use encryption when sending sensitive information.

- ☐ Wi-fi Hotspots
- ☐ Shareit
- ☐ Bluetooth
- ☐ Near Field Communication

Question No.90

4.00

Bookmark ☐

The mean of a distribution is 23, the median is 24 and the mode is 25.5. It is most likely that this distribution is _____

- ☐ Positively skewed
- ☐ Symmetrical
- ☐ Negatively skewed
- ☐ Asymptotic

Question No.91

4.00

Bookmark ☐

In the following question, the first two words (given in italics) have a definite relationship. Choose one word out of the given four alternatives which will fill the blank space and show the same relationship with the third word as between the first two.

Hear is to *Deaf* as *Speak* is to?

- ☐ Silent
- ☐ Listen
- ☐ Talkative
- ☐ Dumb

Question No.92

4.00

Bookmark ☒

If a man can cover 12 metres in one second, how many kilometres can he cover in 3 hours 45 minutes?

- ☐ 150
- ☐ 156
- ☐ 162
- ☐ 168

Question No.93

4.00

Bookmark ☐

What is the probability that there are 53 Wednesdays, if a leap year is chosen at random?

- ☐ $\frac{53}{366}$
- ☐ $\frac{1}{14}$
- ☐ $\frac{2}{53}$
- ☐ $\frac{2}{7}$

Question No.94

4.00

Bookmark ☒

At what rate of interest is an amount doubled in two years, when compounded annually?

- ☐ 41.40%
- ☐ 30%
- ☐ 73.20%
- ☐ 45.20%

Question No.95

4.00

Bookmark ☐

Exhausted: Tired

- ☐ Progressive: Regressive
- ☐ Arrogant: Docile
- ☐ Considerate: Rude
- ☐ Depressed : Sad

Question No.96

4.00

Bookmark ☐

A can do a work in 9 days and B can do the same work in 18 days. If they work together, in how many days will they complete the work?

- ☐ 15
- ☐ 5
- ☐ 6
- ☐ 7

Question No.97

4.00

Bookmark ☐

Simplify $a(c - b) - b(a - c)$

- ☐ $ac + bc$
- ☐ $ac - 2ab + bc$
- ☐ $ac - 2ab - bc$
- ☐ $ac + 2ab + bc$

Question No.98

4.00

Bookmark ☐

I don't care if she comes to my house or not.
The underlined word is a

- ☐ HGI
- ☐ FED
- ☐ CAB
- ☐ HGF

Question No.99

4.00

Bookmark ☐

A produces 120 bolts/40 seconds; B produces 100/20 seconds. If the two run simultaneously, how many seconds will it take for them to produce a total of 200 bolts?

- ☐ 22
- ☐ 32
- ☐ 25
- ☐ 28

Question No.100

4.00

Bookmark ☐

If $a = 20$, $b = 35$ and $c = 5$ then $(4a + b)/c$ is _____.

- ☐ 53
- ☐ 23
- ☐ 115
- ☐ 43

aglasem.com