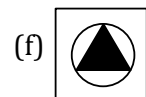
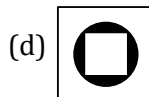
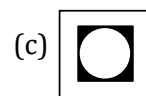
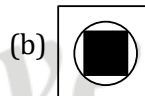
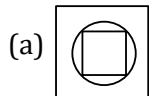
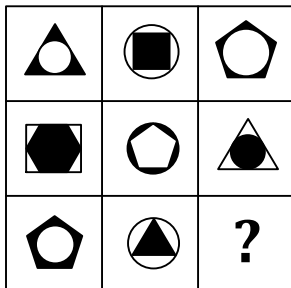
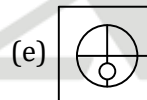
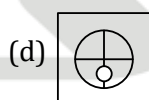
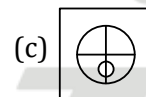
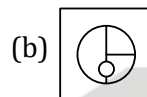
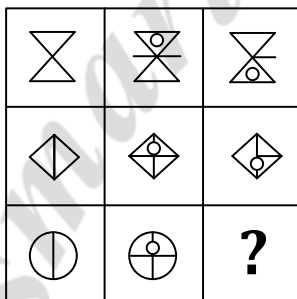


**Directions for Q1 to Q15:** Find the missing figure, which follows the same pattern/rule and mark it as the answer.

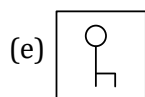
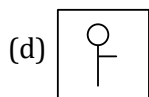
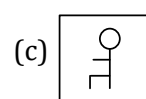
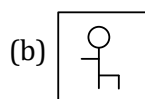
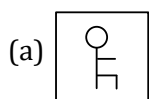
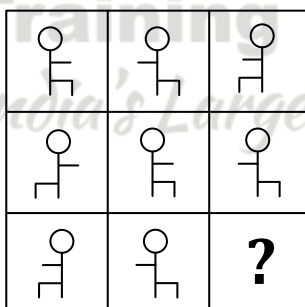
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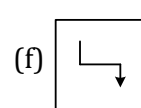
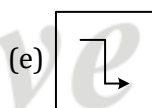
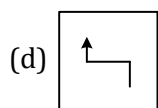
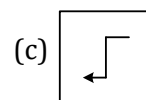
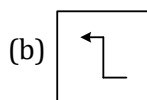
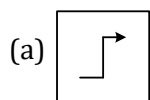
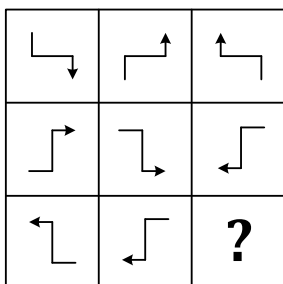
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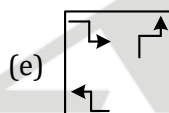
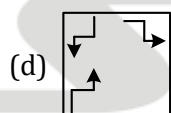
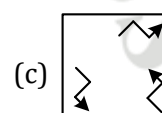
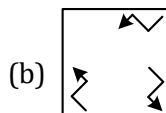
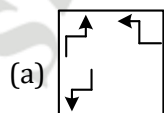
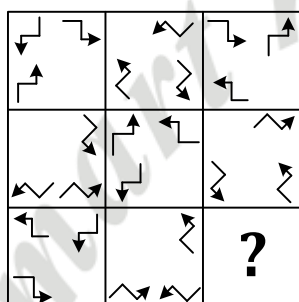
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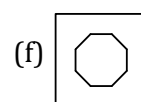
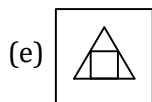
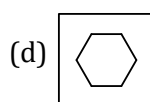
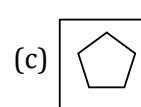
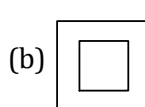
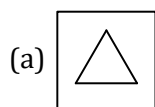
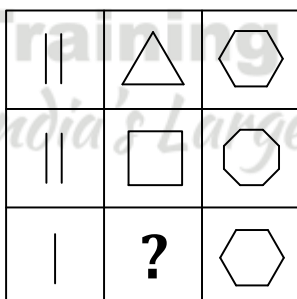
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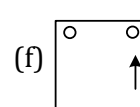
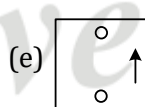
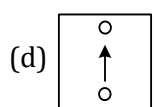
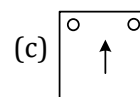
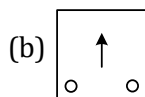
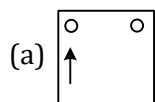
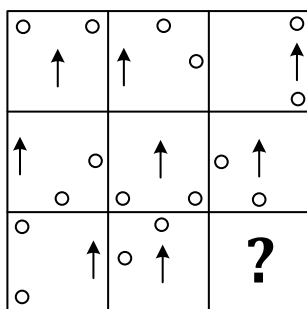
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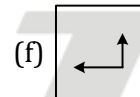
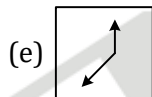
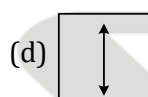
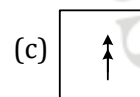
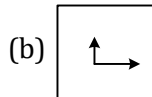
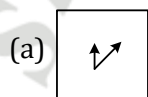
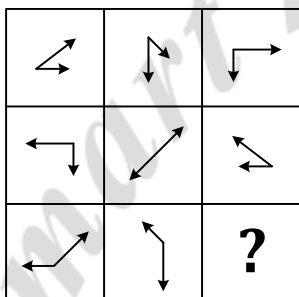
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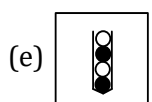
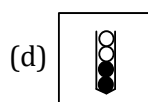
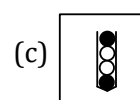
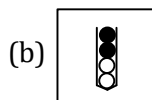
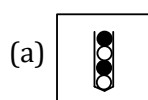
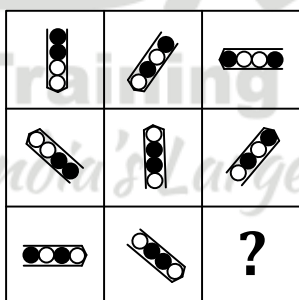
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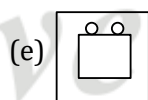
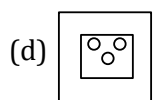
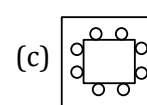
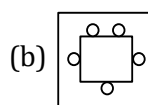
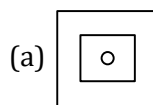
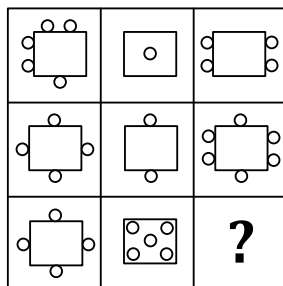
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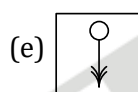
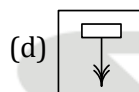
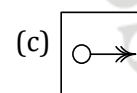
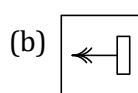
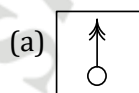
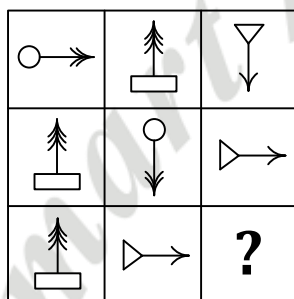
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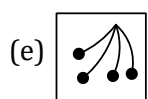
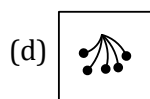
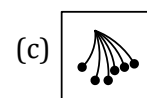
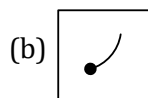
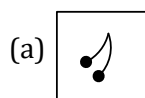
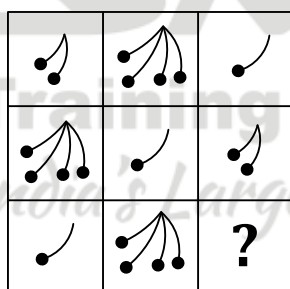
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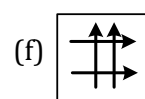
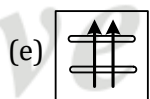
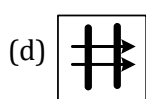
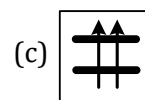
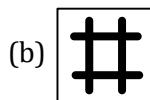
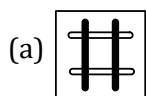
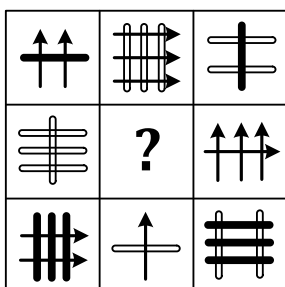
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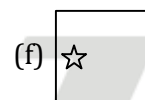
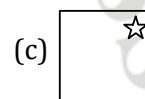
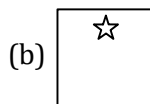
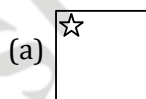
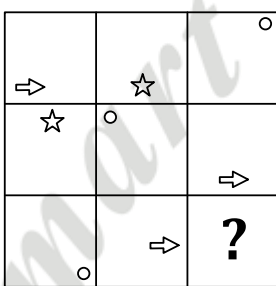
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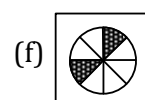
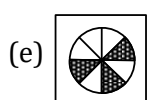
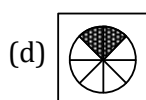
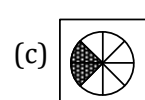
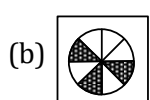
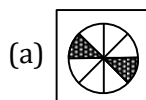
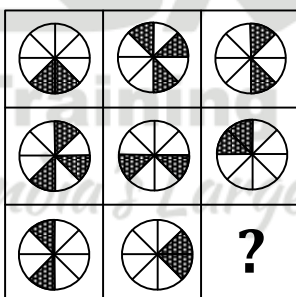
13.



14.



15.



16. If in a symbol language @ means Shout, % means talk slowly and # means stop talking, then what would be the missing commands command if the following is a series  
@@@%@##@@@@%@##\_@@\_@##?
- (a) Stop Talking and Shout (b) Talk slowly and Stop Talking  
(c) Shout and Stop Talking (d) Shout and Talk slowly
17. If 'amber' is coded as '118', 'alias' is coded as '119', 'arizona' is coded as '101' and 'ashley' is coded as '125' then 'arsenel' is coded as:
- (a) 110 (b) 111 (c) 112 (d) 115

**Directions for Q18 to Q22:** In this series, you will be looking at a letter pattern. Which of the given options should fill in the blank?

18. PID, JEQ, \_\_\_\_, SLG  
(a) FRK (b) GTP (c) GLH (d) HKI
19. CPJ, LRE, GTN, \_\_\_\_  
(a) STC (b) SUN (c) PVI (d) SHT
20. SHAN, BOTI, UJCP, \_\_\_\_  
(a) QVDK (b) OLVK (c) VKDQ (d) DQVK
21. AWK, BVL, DTM, \_\_\_\_, KMO  
(a) POQ (b) GQN (c) HIL (d) MON
22. DI, FK, CM, \_\_\_\_, BQ  
(a) EP (b) GO (c) FP (d) EO

**Directions for Q23 and Q24:** The question below consists of a problem followed by two statements. Decide whether the data in the statements is sufficient to answer the question. Select your answer depending upon whether the data provided in:

23. (A) statement 1 alone is sufficient, but statement 2 alone is not sufficient to answer the question  
(B) statement 2 alone is sufficient, but statement 1 alone is not sufficient to answer the question  
(C) both statements taken together are sufficient to answer the question, but neither statement alone is sufficient to answer the question  
(D) each statement alone is sufficient to sufficient to answer the question  
(E) statements 1 and 2 together are not sufficient, and additional data is needed to answer the question.

A triangle is inscribed in a circle with vertices as A, B and C. Is the triangle an acute angled triangle?

**Statement 1:** Vertices B and C are diagonally opposite each other on the circle.

**Statement 2:** Vertices A is equidistant from vertices B and C. Sum of the length of arc AB and arc AC is double of the arc BC.

- (a) (A) (b) (B) (c) (C)  
(d) (D) (e) (E)

24. (A) statement 1 alone is sufficient, but statement 2 alone is not sufficient to answer the question  
(B) statement 2 alone is sufficient, but statement 1 alone is not sufficient to answer the question  
(C) both statements taken together are sufficient to answer the question, but neither statement alone is sufficient to answer the question  
(D) each statement alone is sufficient to answer the question  
(E) statements 1 and 2 together are not sufficient, and additional data is needed to answer the question.

Four distinct natural numbers A, B, C and D add up to give a number X, which is less than 100. What is the value of X?

**Statement 1:** Exactly two of the four numbers are square of prime numbers and the remaining two are cube of prime numbers.

**Statement 2:** Exactly two of the four numbers have the same unit's digit.

- (a) (A) (b) (B) (c) (C)  
(d) (D) (e) (E)

**Directions for Q25 to Q27:** There are two statements. There may be a cause and effect relationship between them, or the two statements may be the effect of independent causes or the same cause, or they may be independent causes. Analyze the statements and choose the correct option.

25. 1. The labor union has expressed their discontentment and has objected against the working of the management of Khurana Group and have threatened to go against them.  
2. The several industries under the group have expressed their inability to provide remunerations and grants to the labor.  
(a) If statement 1 is the cause and statement 2 is its effect  
(b) If statement 2 is the cause and statement 1 is its effect  
(c) If both the statements 1 and 2 are independent causes  
(d) If both the statements 1 and 2 are effects of independent causes  
(e) If both the statements 1 and 2 are effects of some common cause
26. 1. The government has imported large amount of crude oil according to the trade agreement with the middle east countries.  
2. The prices of petroleum products have fallen in the domestic market in the last few months.  
(a) If statement 1 is the cause and statement 2 is its effect  
(b) If statement 2 is the cause and statement 1 is its effect  
(c) If both the statements 1 and 2 are independent causes  
(d) If both the statements 1 and 2 are effects of independent cases  
(e) If both the statements 1 and 2 are effects of some common cause
27. 1. The performance of the students in 10th board was best in the government schools.  
2. A lot of teaching staff from government schools is shifting to private schools.  
(a) If statement 1 is the case and statement 2 is its effect  
(b) If statement 2 is the cause and statement 1 is its effect  
(c) If both the statements 1 and 2 are independent causes  
(d) If both the statements 1 and 2 are effects of independent causes  
(e) If both the statements 1 and 2 are effects of some common cause



28. Paul is twenty first from the left end and Sam is fifteenth from the right end. Peter is thirty-first from the left end of the row. John is sixth to the left of Peter. How many people are there in the queue if Sam is adjacent to John and third to the right of Paul?
- (a) 42 (b) 40 (c) 39 (d) 38
29. Ranbir, Ranveer, Randheer, Ranjeet and Rajbeer maintain ranking for batting and bowling. The ranking was in descending order. Rajbeer, who was ranked first in bating, was last in bowling. Randheer had the same ranking in both and was just above Rajbeer in bowling. In batting, Ranbir was just above Ranjeet but in bowling, he was in the middle and he bowled after Ranveer. Who was ranked first as a bowler?
- (a) Ranveer (b) Randheer (c) Rajbeer (d) None of these
30. Eric, Firdos, Galaxy, Humayun, Ishwar and Johar are six friends and they like different type of Novels to read viz, The Immortal, Mrityunjay, Mission China, Business Impossible, Development 2020 and The Bull but not necessarily in the same order. Ishwar is taller than Eric and Humayun and he likes to read Mission China. The tallest among them reads Business Impossible. Firdos likes to read The Immortal. The shortest among them reads The Bull. Firdos and Humayun neither read The Bull nor Business Impossible. Galaxy reads The Bull. Ishwar is between Eric and Firdos in order of height. Who among the following reads Development 2020?
- (a) Eric (b) Galaxy  
(c) Ishwar (d) Cannot be determined
31. If PLANT is coded as '63', ANNA is coded as '30', SOAP is coded as '51' and LEAP is coded as '34' then MAPLE is coded as:
- (a) 78 (b) 67 (c) 48 (d) 47
32. If in a code language ROASTER is written GIXDXYZ and PREMIUM is written as KLVXS00, then how would RANDOMS be written in that code?
- (a) TUOXYGU (b) TUXOYGU (c) TUXOYUG (d) TUXOYGV
33. In a certain code language the word MATERIAL is written as BWXPIDFU and HUNDREDS is written as AQRKPGBU. How will the word OBLIVION be written in that language?
- (a) FOYRKRFZ (b) OFYRKRFY (c) FOYKRRFY (d) FOYRKRFY
34. If K is coded as 11 and KING is coded as 41, then what would be the code for TAP?
- (a) 35 (b) 36 (c) 37 (d) 38
35. The problem below consists of a program followed by three statements.  
Decide whether the data in the statements are sufficient to answer the question. Select your answer depending upon whether the data provided in:
- (A) Statement 1 alone is sufficient, but neither statement 2 nor statement 3 alone is sufficient to answer the question.  
(B) Statement 2 alone is sufficient, but neither statement 1 nor statement 3 alone is sufficient to answer the question.



- (C) Statement 3 alone is sufficient, but neither statement 1 nor statement 2 alone is sufficient to answer the question.
- (D) Each statement alone is sufficient to answer the question.
- (E) All the three statements together are not sufficient to answer the question, and additional data is needed to answer the question.
- (F) All three statements are necessary to answer the question.
- (G) None of the above-mentioned possibilities.

There are six letters J, A, O, M, R and S. Is the word MAJORS formed of their performing the following operations, using these six letter only?

**Statement 1:** R is placed fourth to the right of M. J is not placed immediately next to either M and R.

**Statement 2:** S is placed immediate next either left or right to R.

**Statement 3:** Both A and O are placed immediate neighbour to J. The word does not begin with J. M is not an immediate neighbour of O.

- |         |         |         |         |
|---------|---------|---------|---------|
| (a) (A) | (b) (B) | (c) (C) | (d) (D) |
| (e) (E) | (f) (F) | (g) (G) |         |

36. In a row of friends, Tia occupies fifteenth place from the right end and Tina occupies twelfth place from the left end, respectively. Tristen is ninth on the left of Tia. If Tristen and Tia interchange their places, then Tristen occupies twentieth place from the left end. How many friends were there between Tristen and Tina originally?

- |        |        |       |       |
|--------|--------|-------|-------|
| (a) 15 | (b) 12 | (c) 0 | (d) 3 |
|--------|--------|-------|-------|

37. 1. City P has a higher ratio of males to females than city Q.  
2. City S has a lower ratio of males to females than city R.  
3. The ratio of males to females is the same in city Q and city T.  
4. City R has a lower ratio of females to males than city P.  
5. City R has the highest ratio of males to females among the five cities.

If the first four statements are true, then the last statement is:

- |          |           |               |
|----------|-----------|---------------|
| (a) True | (b) False | (c) Uncertain |
|----------|-----------|---------------|

38. Three friends of different age and height stand in a queue for a photograph. The photographer asks the youngest to stand to the right of Adam. The tallest stands in the extreme left. Barry does not stand in the center and he is not the youngest. Donald is not in the center too. All are facing the photographer. No person receives the same rank when put in the increasing order of both age and height. Now, who is the shortest?

- |            |                          |
|------------|--------------------------|
| (a) Adam   | (b) Barry                |
| (c) Donald | (d) Cannot be determined |

39. Choose the option for which the analogy between the pair of words is the same as the one given in the question.

Believable : Credible

- |                         |                       |
|-------------------------|-----------------------|
| (a) Conspire : Neglect  | (b) Innocent : Witty  |
| (c) Invisible : Obvious | (d) Eternal : Endless |

40. In a row of 50 girls, Amy was made to sit 20 places to the right of Rose and Peter sat 20 places to the left of Emma. If Emma was thirty-sixth from the left and there were four people between Peter and Amy, what was the position of Rose in the row?
- (a) 20th from the right end (b) 25th from the left end  
(c) 49th from the right end (d) 1st from the left end
41. If in a certain code, ADVENTURE is coded as CHBMNRQLW, then how is COUNTRY coded in that code?
- (a) ESARNNS (b) ESANRNS (c) ESNARNS (d) ESANRSN
42. There are six houses in a colony, such that 3 houses are in one row and the other 3 houses are in the opposite row. The three houses in a row are equidistant from each other. Each house is exactly opposite the house in the other row. Each house is painted with a different color from red, blue, green, yellow, pink and orange.
- Houses at the corner are not painted with blue and red color
  - House painted with orange color is not opposite the house painted with green color
  - Yellow and pink colored houses are not in the same row
- Which house is diagonally opposite the orange colored house?
- (a) Green (b) Yellow (c) Pink (d) Blue
43. Alex checks the schedule of his final exams that include the following five subjects: Maths, French, English, Social Science, and Science.
- The exams are held consecutively for the five working days of the week starting from Monday till Friday. The maths exam is scheduled three days after Social Science which is held on Monday. French and English are not held consecutively. The French exam is held before the English exam.
- On which day of the week is the English exam scheduled?
- (a) Wednesday (b) Tuesday (c) Thursday (d) Friday
44. Which of the following sentences illustrates correct pronoun usage?
- (a) Him and I are going to see a movie tomorrow  
(b) Who's coming to the party tonight?  
(c) Isabel and Ben are married and he has been married for 30 years  
(d) A student can do almost anything they want without interference
45. Peter, Queen, Remo, Stuart, Twinkle and Uco are in different branches of Engineering, viz. IT, ME, CM, EE, EC and CS but not necessarily in the same order. Each of them is a resident of a different city viz. Goa, Madurai, Bhopal, Delhi, Ahmedabad and Bangalore. Remo is the resident of Delhi, but he is not in CM or EE. Twinkle, who is in ME, is not the resident of Goa or Ahmedabad. Queen is from Madurai and she is in EE. The student from Bhopal is in CS and Stuart is from Goa. Peter is in EC. Which student is from Bhopal?
- (a) Uco (b) Peter (c) Twinkle (d) None of these
46. In a certain language "SHERLOCK" is coded as 'RFBNPREL". What would be the coded word for "TRAINING"?
- (a) SPXEOK (b) SPXERLPH (c) SPXELRHP (d) RLPHPXE

47. In ON is coded as 210, DEL is coded as 240, SJR is coded as 3420 and AT is coded as 20, what would be the code for BAT?  
(a) 36 (b) 40 (c) 88 (d) None of these
48. There are five students in a group: Roger, Martin, Peter, Gary and Katherine.  
1. Roger received a higher grade than Martin but not as high as Peter.  
2. Peter received a higher grade than Gary and Katherine.  
3. Gary received a lower grade than Martin.  
4. Gary did not receive the lowest grade.  
5. Roger received the second highest grade.  
If the first four statements are true, then the fifth statement is:  
(a) True (b) False (c) Uncertain
49. Assuming the statement given in each question to be true, choose the inference(s).  
Statement – It is advisable to travel by trains till the time repair work of roads gets completed.  
Inference A – Travelling by train is faster than travelling by road.  
Inference B – People have stopped travelling by road.  
(a) Only A (b) Only B (c) Both A and B (d) Neither A nor B
50. Find the next letter of the series:  
A, H, A, L, U, ?  
(a) I (b) J (c) L (d) H

**Directions for Q51 and Q52:** Which of the following will come in place of question mark (?)

51. B2Z, F4D, ?, T12R  
(a) L7J (b) L6K (c) K7J (d) L6J
52. Y1, V4, ?, P16  
(a) T8 (b) T9 (c) R10 (d) S9
53. Jaipur is to the west of Kanpur and indore is to the south of jaipur in which direction is Kanpur from indore?  
(a) North (b) South (c) South-West (d) North-East
54. A man walked 10 km towards North and turned to his right and walked 2 km and again turned right and walked 4 km. Now the man is in which direction from the initial point?  
(a) East (b) West (c) North-East (d) North-West
55. How many 7's are there in the following series which are immediately preceded by 4 but not immediately followed by 6?  
46 7 5 9 0 3 2 6 7 4 7 9 1 2 4 7 6 8 3 4 7 0  
(a) 1 (b) 2 (c) 3 (d) 0
56. The following question is based on the six three numbers given below.  
432 735 357 287 259 389  
If 15 is subtracted from each of the above numbers after arranging the digits in reverse order with the number, then the sum of digits of how many of them will be multiple of 32?  
(a) One (b) Two (c) Three (d) Four

57. If X \$ Y means X is the brother of Y; X @ Y means X is the wife of Y;

X # Y means X is the daughter of Y and

X \* Y means X is the father of Y.

Which of the following indicates that U is the father-in-law of P?

(a) P @ Q \$ T # U \* W

(b) P @ Q \$ T # W \* U

(c) P @ W \$ Q \* T # U

(d) P @ Q \$ W \* T # U

58. Some friends are enemies. All enemies are relatives.

(a) Some friends are relatives.

(b) All friends are relatives.

(c) No friend is a relative.

(d) No friends are enemies

**Directions for Q59 to Q61:** In the following question a group of five words is given. From the answer choices choose the one which gives the best logical order of the words.

59. (I) Profit

(II) Investment

(III) Processing

(IV) Output

(V) Raw materials

(a) II, I, V, IV, III

(b) II, V, III, IV, I

(c) II, IV, V, III, I

(d) I, III, V, IV, I

60. (I) Fire

(II) Pain

(III) Burn

(IV) Relief

(V) Balm

(a) I, II, V, III, IV

(b) I, III, II, V, IV

(c) I, II, III, V, IV

(d) I, V, II, III, IV

61. (I) Man

(II) Father

(III) Infant

(IV) Child

(V) Grandfather

(a) III, IV, I, II, V

(b) III, I, II, IV, V

(c) III, II, I, IV, V

(d) None of these

62. The statements given below are followed by some conclusions. Assume the statements are true, even if they contradict commonly known facts, and determine the conclusion/s that follow/s from the statements logically.

**Statements:**

I. All books are pens.

II. All pens are boxes.

**Conclusions:**

I. All books are boxes.

II. All pens are books.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Only conclusion I and II follows

(d) None of these

63. When Sam saw Adam, he recalled that Adam is the son of the father of the mother of Sam's daughter. What is Adam to Sam?  
(a) Cousin (b) Brother (c) Uncle (d) Brother-in-law
64. If in a certain code language "CARE" equals to 16 and "RESPECT" equals to 49, then what is the value of "NERVOUS"?  
(a) 40 (b) 64 (c) 49 (d) 68
65. If in a certain code language the word "PUBLIC" is coded as "SXEIFZ", then how would "NUMBER" be coded in the same code language?  
(a) QXPYIO (b) QXPYBO (c) QRPYBO (d) QXJYBO
66. Complete the number series.  
3, 6, 8, 16, 18, .....?  
(a) 28 (b) 36 (c) 54 (d) 34
67. Fill the (?) in order to complete the number series.  
(?), 19, 37, 61, 91, 127, 169  
(a) 17 (b) 13 (c) 11 (d) 7
68. Complete the following series.  
DE, GHI, KLMN, \_\_\_\_\_, VWXYZA  
(a) PSRTQ (b) OQSTU (c) PQRST  
(d) OPSRU (e) QRSTU
69. Use English alphabets and find the correct answer of the given question.  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
Complete the given series.  
P, L, R, M, T, N, V, O, X, \_\_\_\_  
(a) Z (b) P (c) Q (d) A
70. Use English alphabets and find the correct answer of the given question.  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
What will be the next letter in the following series?  
E, F, H, K, O, ?  
(a) R (b) S (c) T (d) U
71. Use the English alphabet shown below to solve this question:  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
From the options given below, choose the word that will appear FIRST in alphabetical order.  
(a) Continual (b) Continuance (c) Contract (d) Contest
72. In the given arrangement, how many symbols are immediately followed by a consonant?  
4 A \$ 2 9 % 7 R # P 6 \* G B / 3 ^ Y V E W + 8 T # C 5 % H \$ I #  
(a) Four (b) Five (c) Six (d) Seven



73. From a group of seven undergraduate students (A-B-C-D-E-F and G)-four will be selected to give a presentation to the student's union. The following conditions must be met:
1. Either A or B must be selected-but A and B cannot both be selected.
  2. Either E or F must be selected-but E and F cannot both be selected.
  3. E cannot be selected unless C is selected.
  4. G cannot be selected unless B is selected.
- If we know that F is not selected to present-how many different groups of four can be made-following the above criteria?
- (a) One (b) Two (c) Three (d) Four
74. Which of the following is the odd man out?
- (a) RMHC (b) KFAV (c) KIDW (d) DYTO
75. Choose the odd one out.
- (a) HJMR (b) FHKO (c) DFIM (d) BDGK
76. Pick out the different one:
- (a) Time (b) Chain (c) Bangle (d) Bracelet
77. If in a certain code, "DESCRIPTION" is written as "DHSFRLPWIRN", then how is "SURPRISE" written in that code
- (a) HSLHSXRS (b) SXHRYTJH (c) NBVHFKIL (d) SXRSRLSH
78. In a certain code language PACKET is written as OBBLDU. How is DECRY written in that code?
- (a) CDCSZ (b) CFARX (c) CDBRZ (d) CFBSX
79. In a code sign DRLAL is coded as 62014314. How CAMEL is coded?
- (a) 5315714 (b) 35729310 (c) 5313613 (d) None of these
80. If in a code language, COULD is written as BNTKC and MARGIN is written as LZQFHM, how will MOULDING be written in that code?
- (a) CHMFINTK (b) LNKTCHEMF (c) LNTKCHMF (d) NITKHCMF
81. If in a certain language, MADRAS is coded as NEST how is BOMBAY coded in that code?
- (a) CPNCBX (b) CPNCBZ (c) CPOCBZ (d) CQOCBZ
82. If in a language SPORT is written as SROPT, then how would RELATIONSHIP be written in that language?
- (a) RELEIONTASIHP (b) RLONTIASHEP (c) RIHSNOTALEP (d) RLATIOENSHIP
83. If in a certain code HAPPINESS is coded as TRFMJQQZI. How would SORROW be coded in same code?
- (a) VPQSNQ (b) XNQSPR (c) VPSQQN (d) XNSQPR
84. In a certain code language:
- "grana melke" is written as "big tree"
- "pini melke" is written as "little tree"
- "melke hoon" is written as "tree house"
- How will "big house" be written in this code language?
- (a) pini hoon (b) melke grana (c) pini shur (d) grana hoon

85. If in a certain code language, "I am good" is coded as "cheen min pina", "He is bad" is coded as "tin sin win" and "good are bad" is coded as "cheen rin tin", then which of the following is the code for "I am bad"?
- (a) cheen win sin (b) pina tin min  
(c) win tin pina (d) rin sin win
86. In a certain code Language  
134 means good and tasty  
478 means see good picture  
729 means picture are faint  
Which number has been used here for faint?
- (a) 9 (b) 2 (c) Data are inadequate (d) 7
87. In a certain code language, "\$ @ &\*" means "Values Always Good"; "# & \$" means "Inculcate Good Values". Which of the following could be the code for "Always Inculcate Good Habits", if the sign % stands for Habits?
- (a) & % @ # (b) % @ & \*  
(c) \* \$ & % (d) Data Inadequate  
(e) None of these
88. Choose a word from the given options to substitute the question mark, such that the pair so formed establishes a similar relation as expressed by the first pair of words.  
House : Brick :: Cloth : ?
- (a) Dress (b) Thread (c) Cotton (d) Plant
89. Liquid : litre :: ?
- (a) Weight : kilogram (b) Land : seismometer  
(c) Bushel : corn (d) Fame : television
90. Arrange the words in order:
1. Birth, 2. Death, 3. Funeral,  
4. Marriage, 5. Studying
- (a) 1, 5, 4, 2, 3 (b) 1, 3, 4, 5, 2 (c) 4, 5, 3, 1, 2 (d) 2, 3, 4, 5, 1
91. Arrange the words in a meaningful sentence:
1. Poverty, 2. Population, 3. Death,  
4. Unemployment, 5. Disease
- (a) 3, 4, 2, 5, 1 (b) 2, 3, 4, 5, 1 (c) 1, 2, 3, 4, 5 (d) 2, 4, 1, 5, 3
92. Which of the answer options is the correct meaningful sequence of the given words?
- A. Plain B. Hill C. Mountain D. Plateau
- (a) C, B, D, A (b) B, D, A, C  
(c) B, A, D, C  
(d) C, A, D, B (e) C, A, B, D



93. B is the daughter of A and cousin of C. D's father is E and D is the father of C. Also, the father of A is E. Who is B to D?  
(a) Grand daughter (b) Daughter (c) Niece (d) Wife
94. Carefully read the following information and answer the question that follows:  
'A \* B' means 'A is the son of B'  
'A + B' means 'A is the daughter of B'  
'A & B' means 'A is the brother of B'  
'A - B' means 'A is the wife of B'  
According to the information given above, how is F related to U, if  $F * C - D \& E + U$ ?  
(a) Grandson (b) Son (c) Brother (d) Daughter
95. Megan is facing East. She turns  $45^\circ$  in the clockwise direction and then turns  $180^\circ$  anticlockwise. Which direction is Megan facing now?  
(a) North-East (b) South-East (c) South-West (d) North-West
96. If a clock is placed on a table in such a way that at 3 A.M. the hour hand points towards West, then at 6:45 A.M. the minute hand will point towards \_\_\_\_\_.  
(a) East (b) West (c) North (d) South
97. A car started from a point A and travelled 24 kilometers towards south. It turned towards right and travelled nine kilometers more. After that it again turned towards right and travelled 24 kilometers. Then the car turned left and travelled 18 kilometers and reached point B. If the car takes a straight route from point A to point B, then what will be the total distance between A and B?  
(a) 18 (b) 21 (c) 23 (d) 27
98. A car is traveling towards south. After traveling 34 kilometers, it turns left and travels another 12 kilometers. The car again turns left and travels 34 kilometers more. Finally, it turns right and travels 23 kilometers and reaches Point X. At Point X, the car is at what distance from the starting point and in which direction?  
(a) 35 kilometers East (b) 57 kilometers West  
(c) 35 kilometers North (d) 57 kilometers North
99. Ethan leaves his house to meet his friend. He drives 8 km towards the West, and then he turns to the North and drives for 12 km. Then he turns to the West and covers 4 km, and after this, he turns to the South and drives for 47 km. How far is Ethan from his house?  
(a) 39 km (b) 37 km (c) 35 km (d) 29 km
100. A is east of B and west of C. H is South-West of C. B is South-East of X. Which is the farthest West?  
(a) C (b) A (c) X (d) B
101. Mark cycled from Point A to Point B that are 12 kilometers apart. He then turned right and traveled five kilometers. After that, he again turned right and cycled a distance equal to the distance between points A and B. At the end, he again turned right and cycled three kilometers. How far is Mark from Point A?  
(a) 4 kilometers (b) 8 kilometers (c) 2 kilometers (d) 6 kilometers

102. Five friends Eva, George, Henry, Ivan, and Jack are sitting in a straight line facing South. George is the only person who sits between Jack and Ivan. If Eva sits between Jack and Henry, then which of the following facts must be true?
- (a) George is an immediate neighbor of Henry.  
(b) Jack is neither adjacent to Eva nor George.  
(c) Eva is exactly in the middle of the line.  
(d) Henry and Ivan are sitting at the extreme ends of the line.
103. A clock was set to 6 a.m. on Sunday morning. If it loses 15 minutes in day, what is the actual time when the clock indicates 10 o'clock on Wednesday morning?
- (a) 10.55 a.m.                      (b) 10.15 a.m.                      (c) 10.24 a.m.                      (d) 10.48 a.m.
104. If 6 March, 1997 was a Saturday, what was 6 March, 1996?
- (a) Tuesday                      (b) Sunday                      (c) Wednesday                      (d) Friday
105. The day before yesterday Rakesh was 17. Next year he will be 20. What day is his birthday?
- (a) 30<sup>th</sup> December                      (b) 1<sup>st</sup> January                      (c) 31<sup>st</sup> December                      (d) 29<sup>th</sup> February
106. Five children are sitting in line facing north. Mark is to the left of Nina and to the right of Brian. Ana is to the right of Nina. If Roy is between Nina and Ana then who is sitting to the immediate right of Roy?
- (a) Nina                      (b) Ana                      (c) Mark                      (d) Brian
107. Rahim is taller than Ahmad, who is shorter than Omar. Ahmad is taller than Mohammad and Hussain, where Hussain is the shortest. Who is the tallest?
- (a) Rahim                      (b) Omar                      (c) Ahmad  
(d) Mohammad                      (e) Cannot be determined
108. Anjella, Bronn, Cathy, Daisy, Sucy and Elena are sitting on the edge of a rooftop. Only Daisy is sitting between Anjella and Bronn. Neither Anjella nor Bronn are sitting on the corners. Cathy is sitting to the immediate left of Bronn and Elena is sitting to the immediate left of Sucy.  
What is the position of Elena with respect to Bronn?
- (a) Third to the right                      (b) Second to the left  
(c) Second to the right                      (d) Third to the left
109. A – W, B – X, C – Y and D – Z are four married couples. In a restaurant they are sitting around a rectangular table, with three persons along each of the longer sides of the table and one person along each of the shorter sides. All the male persons(A, B, C and D) are sitting along the longer sides and no the male persons are sitting together. X is sitting to the right of C. W and Z are sitting at the longer sides and neither of them is sitting adjacent to their respective husbands. Y is sitting to the right of A.  
Which pair of people are sitting at the shorter sides of table?
- (a) Z and X                      (b) B and Y                      (c) X and C                      (d) X and Y
110. In a round table conference six persons are participating, they are Andy, Bob, Charles, Douglas, Elena and Fred. Bob is sitting between Charles and Elena and is opposite to Andy. Douglas is sitting to the left of Elena.  
Who is sitting opposite to Douglas?
- (a) Andy                      (b) Bob                      (c) Charles                      (d) Fred

111. Find correct sequence of sentence:  
P. I have not come to complain he said  
Q. even if it means some humiliation  
R. but the boy must learn to be honest  
S. and admit he broke it.  
(a) PQRS (b) QRPS (c) QPRS (d) PRQS
112. Find the right sequence of sentences:  
P: if it was time to go yet  
Q: and ran downstairs to see  
R: Rahul jumped out of bed  
S: on Saturday morning  
(a) RPQR (b) SPRQ (c) RQSP (d) SRQP
113. Analyse the given five situations and answer the question that follows.  
1. Seven friends: Jack, Ketty, Linz, Mark, Neo, Olga, and Peter are sitting on a wall; all of them are facing east.  
2. Linz on the immediate right of Mark.  
3. Ketty is sitting at an extreme end and has Neo as her neighbor.  
4. Peter is sitting between Neo and Olga.  
5. Mark is sitting at the third place from the southern end.  
Who is sitting between Linz and Olga?  
(a) Neo (b) Ketty (c) Mark (d) Peter
114. Eight persons A B C D E F G and H are sitting around a circle facing the centre. F is third to the right of C and second immediate neighbor of C or H. E is to the immediate right of A who is second to the right of G.  
Which of the following is the correct position of B with respect to H?  
I. Second to the right  
II. Fourth to the right  
III. Fourth to the left  
IV. Second to the left  
(a) Only I (b) Only II (c) Only III (d) Both II and III
115. Study the following information carefully to answer these questions.  
(i) A-B-C-D-E-F and G are playing cards sitting around a circular table.  
(ii) D is not neighbor of C or E.  
(iii) A is neighbor of B and C.  
(iv) G-who is second to the left of D is the neighbor of E and F.  
Which of the followings is wrong?  
(a) E is between G and C (b) F is between G and D  
(c) B is to the immediate left of D (d) A is the immediate right of B.

116. Carefully read the information given below and answer the question that follows.

1. Six friends: Walter, Gustav, Mark, Ross, Chandler and Oliver are sitting in a circle facing the centre.
2. Walter is sitting third to the right of Gustav.
3. Oliver is the only person sitting between Gustav and Chandler.
4. Ross is sitting second to the left of Walter.
5. Mark and Walter are sitting adjacent to each other.

Which of the following is/are sitting between Walter and Oliver?

- |              |                         |
|--------------|-------------------------|
| (a) Chandler | (b) Chandler and Gustav |
| (c) Mark     | (d) Ross                |

117. Five boys Cafa, Gosa, Freddie, Max, and Luca are standing in a row. Luca is not adjacent to Gosa. Cafa is adjacent to Max, who is in the middle of the row. Freddie is neither adjacent to Gosa nor Cafa. Who is adjacent to Gosa?

- |          |         |          |             |
|----------|---------|----------|-------------|
| (a) Cafa | (b) Max | (c) Luca | (d) Freddie |
|----------|---------|----------|-------------|

118. If the given arrangement is reversed, then which of the following options will be the 14<sup>th</sup> element from the right?

U & B P Q ! # M I + R E / @ K G O \* S F W

- |       |       |       |       |
|-------|-------|-------|-------|
| (a) I | (b) M | (c) / | (d) @ |
|-------|-------|-------|-------|

119. In a row of boys, Oliver is standing 10<sup>th</sup> from the right and 15<sup>th</sup> from the left. How many more boys should be added to the row to increase the total number of boys to 30?

- |        |        |        |        |
|--------|--------|--------|--------|
| (a) 06 | (b) 18 | (c) 09 | (d) 20 |
|--------|--------|--------|--------|

120. If Maya ranks sixth from the top and twenty-sixth from the bottom in a class, then how many students are there in the class?

- |        |        |        |        |
|--------|--------|--------|--------|
| (a) 31 | (b) 32 | (c) 33 | (d) 34 |
|--------|--------|--------|--------|

121. Five books are lying in a pile. Q is lying above M and O is lying under N. M is lying above N and P is lying under O.

Q. Which one is lying at the bottom?

- |       |       |       |       |
|-------|-------|-------|-------|
| (a) M | (b) N | (c) O | (d) P |
|-------|-------|-------|-------|

122. A full grown adult of which of the following is tallest?

- |            |             |           |          |
|------------|-------------|-----------|----------|
| (a) Rabbit | (b) Giraffe | (c) Horse | (d) Lion |
|------------|-------------|-----------|----------|

123. Read the statements below:

P can speak English and Spanish.

Q can speak English and French.

R can speak French and Spanish.

S can speak German and English.

T, a Spaniard, can also speak German.

Who among the following cannot have a conversation without an interpreter?

- |             |             |             |             |
|-------------|-------------|-------------|-------------|
| (a) P and R | (b) Q and S | (c) Q and T | (d) P and T |
|-------------|-------------|-------------|-------------|



124. A ABB China college of 2017, Shivam, a new candidate has taken 10 courses, earning grades P (worth 4 points each), Q (worth 3 points each) and R (worth 2 points each). His grade point average is 3.2, and if the course in which he got R's were deleted, his GPA in the remaining courses would be 3.333. How many P's, Q's and R's did he get?
- (a) 2, 3 and 6                      (b) 3, 2 and 6                      (c) 3, 6 and 1                      (d) 2, 6 and 3
125. Study the given arrangement of five 3-digit numbers and answer the question that follows:  
345 628 879 439 296
- If the first two digits of each number are interchanged, then which of the following options will be the second digit of the largest number?
- (a) 2                      (b) 3                      (c) 6                      (d) 8
126. P, Q, R, S and T are five speakers who have to speak on a particular day, not necessarily in the same order. R is neither the first nor the last speaker. There are three speakers after S and three speakers ahead of T. If P speaks after Q, then who is the last speaker to speak?
- (a) S                      (b) T                      (c) P                      (d) Q
127. Refer to the following information and answer the questions that follow:  
"Kya-Kya" is an island in the South Pacific. The inhabitants of "Kya-Kya" always answer any question with two sentence. One of which is always true and the other always false.  
You are walking on a road and come to a fork. You ask the inhabitants Ram, Laxman and Lila, "which road will take me to the village?"  
Ram says, "I never speak to strangers, I am new to these parts."  
Laxman says, "I am married to Lila. Take the left road."  
Lila says, "I am married to Ram. He is not new to this place."  
Which of the following is true?
- (a) Left road takes you to the village                      (b) Right road takes you to the village  
(c) Lila is married to Laxman                      (d) None of these
128. U, V, W, X, Y and Z are six police officers, who are parading in two rows, with three in the front row and three in the back row. Each officer in the back row has one officer exactly in the front of him. W and X are at the extreme ends of two different rows. Y is to the right of U and exactly in front of V. If Z is exactly behind W, then which of the following statements is true?
- (a) X is exactly between V and Z.  
(b) Z and U are at extreme ends.  
(c) With the given information two seating arrangements are possible.  
(d) Y and X are at extreme ends of the front row.
129. Joseph lost his notebook. The teacher started questioning students about the theft.  
Catherine said, "Tom did it", Tom said, "Alex did it" while, Martha said, "I did not do it" and Alex said, "Tom is lying about me".  
If only one of the following statements is false, then which of the given options is correct?
- (a) Catherine is a liar and Alex is telling the truth                      (b) Martha stole the notebook and is lying  
(c) Tom is a liar and Martha is telling the truth                      (d) Alex stole the notebook

130. In a certain coding system 'CAMEL' is coded as 25106, 'LION' is coded as 6793 and 'TIRE' as 4780. How will you code 'ELITE'?
- (a) 06740                      (b) 06470                      (c) 04670                      (d) 60476
131. Rita-an accomplished pastry chef who is well known for her artistic and exquisite wedding cakes-opened a bakery one year ago and is surprised that business has been so slow. A consultant she hired to conduct market research has reported that the local population doesn't think of her shop as one they would visit on a daily basis but rather a place they'd visit if they were celebrating a special occasion. Which of the following strategies should Rita employ to increase her daily business?
- (a) making coupons available that entitles the coupon holder to receive a 25% discount of wedding anniversary or birthday cakes.
- (b) exhibiting at the next Bridal Expo and having pieces of one of her wedding cakes available for tasting.
- (c) placing a series of ads in the local newspaper that advertise the wide array of bread.
- (d) moving the bakery to the other side of town.
132. Find correct sequence of sentence:
- P: youngsters in the cities and the villages
- Q: The effect
- R: of the cinema
- S: on the school and college going is very bad
- (a) PRQS                      (b) QRSP                      (c) QPSR                      (d) RQSP
133. Amit's father has 4 children; Shruti, Anant, Anhad. Select the fourth kid?
- (a) Anshul                      (b) Ankit                      (c) Sakshi                      (d) Amit
134. 2 mothers and 2 daughters were catching fish. They managed to catch one small fish, one big fish, one medium fish. Since only 3 fish were caught how is it that they each took home a fish?
- (a) There was Grandmother, Mother and Daughter                      (b) One of them left early.
- (c) Question is incorrect                      (d) None of the above
135. Answer these questions on the basis of the information given below:
- Five friends meet every morning at Sree Sagar restaurant for an idli-vada breakfast. Each consumes a different number of idlis and vadas. The number of idlis consumed is 1, 4, 5, 6, 8. While the number of vadas consumed are 0, 1, 2, 4, and 6. Below are some more fact about who eats what and how much.
1. The number of vadas eaten by Ignesh is three times the number of vadas consumed by the person who eats four idlis.
  2. Three persons, including the one who eats four vadas, eat without chutney.
  3. Sandeep does not take any chutney.
  4. The one who eats one idli a day does not eat any vada or chutney. Further he is not Mukesh.
  5. Daljit eat idli with chutney and also eats vada.
  6. Mukes, who does not take chutney, eats half as many vadas as the person who eats twice as many idlis as he does.

7. Biman eats tow more idlis than Igensh, but Ignesh eats two more vadas than Bimal.

Which of the following statements is true?

- (a) Mukesh eats 8 idlis and 4 vadas but no chutney
- (b) The person who eats 5 idlis and 1 vada does not take chutney
- (c) The person who eats equal number of vadas and idlis also takes chutney
- (d) The person who eats 4 idlis and 2 vadas also takes chutney

136. **Statements:**

During 1997-98 the total loss incurred by the 1 1 1 public sector units was to the tune of Rs.6809 crores which has converted into paid capitals by the government of its total investment of Rs.5129 crores.

**Conclusions:**

- I. The government is left with only one option-that is-to private these units.
- II. The government did not take care in the matter of investments in these public sector units.

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either I or II follows
- (d) If neither I nor II follows

137. **Statements:** Government has spoiled many top ranking financial institutions by appointing bureaucrats as Directors as these institutions.

**Conclusions:**

**Conclusion I:** Government should appoint Directors of the financial institutes taking into consideration the expertise of the person in the area of finance.

**Conclusion II:** The Director of the financial institute should have expertise commensurate with the financial work carried out by the institute.

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Neither I nor II follows
- (d) Both I and II follow

138. The two statements given below are followed by two conclusions, numbered (1) and (2). Consider the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and decide which of them logically follow(s) from the given statements.

**Statements:**

- I. All pianos are guitars.
- II. All guitars are trumpets.

**Conclusions:**

- (1) All trumpets are guitars.
- (2) All pianos are trumpets.
- (a) Only Conclusion (1) follows
- (b) Only Conclusion (2) follows
- (c) Either Conclusion (1) or Conclusion (2) follows
- (d) Neither Conclusion (1) nor Conclusion (2) follows
- (e) Both Conclusion (1) and Conclusion (2) follow



139. Consider the following statements and determine which of the given conclusions follow.

**Statements:**

1. All boys are snakes.
2. All snakes are cats.

**Conclusions:**

- I. All boys are cats.
- II. All cats are boys.

- (a) Either I or II follows  
(c) Only II follows

- (b) Only I follows  
(d) Neither follow

140. **Statements:** In a one day cricket match, the total runs made by a team were 200. Out of these 160 runs were made by spinners.

**Conclusions:**

- I. 80% of the team consists of spinners.
- II. The opening batsmen were spinners.

- (a) Only conclusion I follows  
(c) Either I or II follows

- (b) Only conclusion II follows  
(d) Neither I nor II follows

141. **Statements:** Prime age school-going children in urban India have now become avid as well as more regular viewers of television, even in households without a TV. As a result there has been an alarming decline in the extent of readership of newspapers.

**Conclusions:**

- I. Method of increasing the readership of newspapers should be devised.
- II. A team of experts should be sent to other countries to study the impact of TV on the readership of newspapers.

- (a) Only conclusion I follows  
(c) Either I or II follows

- (b) Only conclusion II follows  
(d) Neither I nor II follows

142. The statement given below is followed by two conclusions. Assume everything in the statement to be true, and then consider the two conclusions.

- (A) If only Conclusion I logically follows the statement
- (B) If only Conclusion II logically follows the statement
- (C) If either Conclusion I or Conclusion II logically follows the statement
- (D) If neither Conclusion I nor Conclusion II logically follows the statement
- (E) If both Conclusion I and Conclusion II logically follows the statement

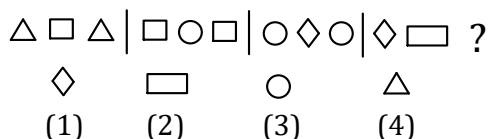
**Statement:** Financial institutions should be headed by experienced finance officers, not by bureaucrats.

**Conclusions:**

- I. The government should change the requirements for the directors of financial institutions.
- II. The directors of financial institutions should be experienced.

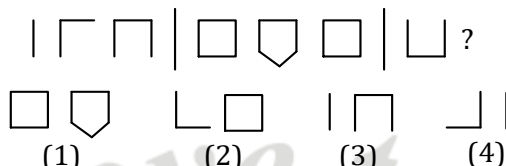
- (a) (A)                      (b) (B)                      (c) (C)                      (d) (D)                      (e) (E)

143. Look carefully at the sequence of symbols to find the pattern. Select correct pattern.



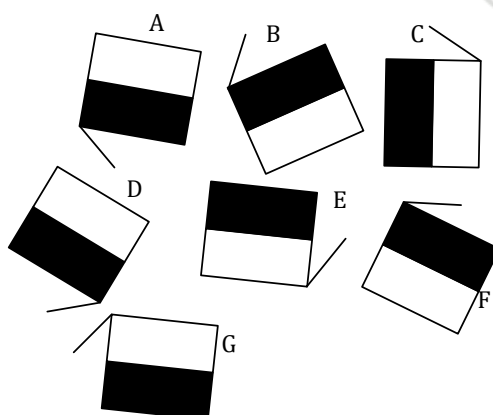
- (a) 1 (b) 2 (c) 3 (d) 4

144. Look carefully at the sequence of symbols to find the pattern. Select correct pattern.



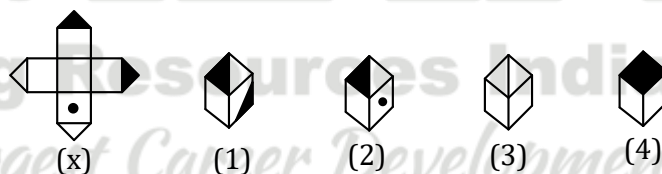
- (a) 1 (b) 2 (c) 3 (d) 4

145. Which of these figures is wrong?



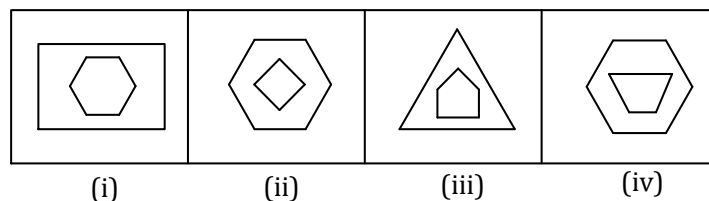
- (a) C (b) D (c) A  
(d) B (e) F (f) G

146. Choose the box that is similar to the box formed from the given sheet of paper (X).



- (a) 1 and 2 only (b) 2 and 4 only (c) 2 and 3 only (d) 1 and 4 only

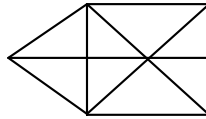
147. This question is based on the graphic shown below.



Which of the following figures is different from the others?

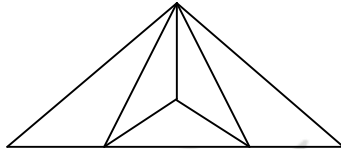
- (a) (i) (b) (ii) (c) (iii) (d) (iv)

148. How many triangles are there in the given diagram?



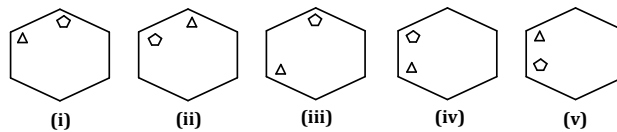
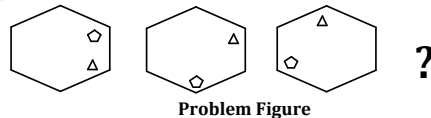
- (a) 18 (b) 17 (c) 16 (d) 15

149. Find the number of triangles in the given image.



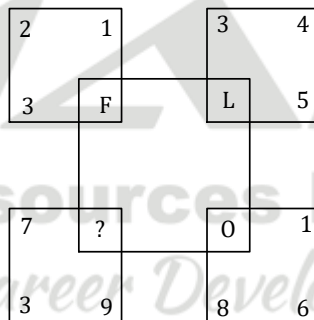
- (a) 5 (b) 6 (c) 7 (d) 9

150. The figures displayed in the **Problem Figure** follow a specific pattern. Choose an image from the **Answer Figure** that will complete this series.



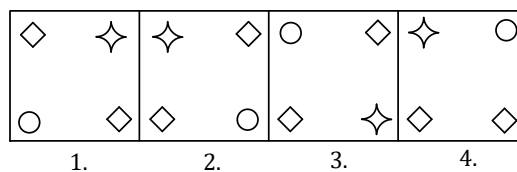
- (a) (i) (b) (ii) (c) (iii) (d) None of these

151. Which of the following letters should be there in place of "?" in the given image?



- (a) P (b) R (c) S (d) T

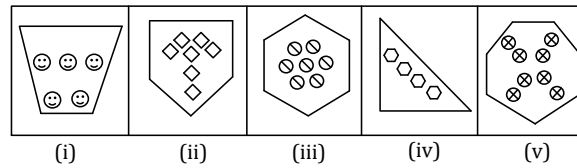
152. This question is based on the graphic shown below.



In the given image, identify the figure, which is different from the rest of the figures.

- (a) 1 (b) 2 (c) 3 (d) 4

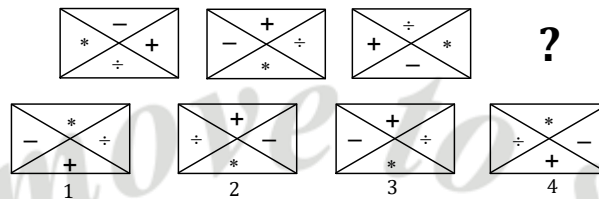
153. This equation is based on the graphic shown below.



Which of the following figures is different from the others?

- (a) (i) (b) (ii) (c) (iii) (d) (iv) (e) (v)

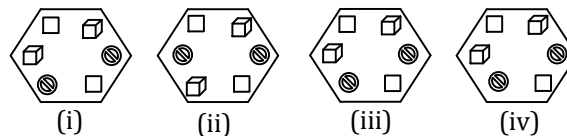
154. This question is based on the graphic shown below.



From the options given in the image, choose the one that completes the pattern.

- (a) 1 (b) 2 (c) 3 (d) 4

155. The question is based on the graphic shown below.



Identify the odd one out image.

- (a) (i) (b) (ii) (c) (iii) (d) (iv)

156. Choose the alternative which is closely resembles the mirror image of the given combination.

ANS43Q12

(1) AN24E01 S

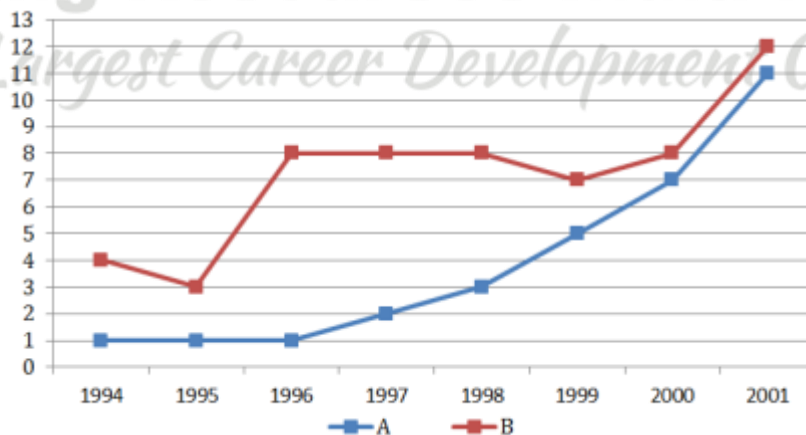
(2) S10E42NA

(3) 2NAE4Q51

(4) 1S0E4AN2

- (a) (1) (b) (2) (c) (3) (d) (4)

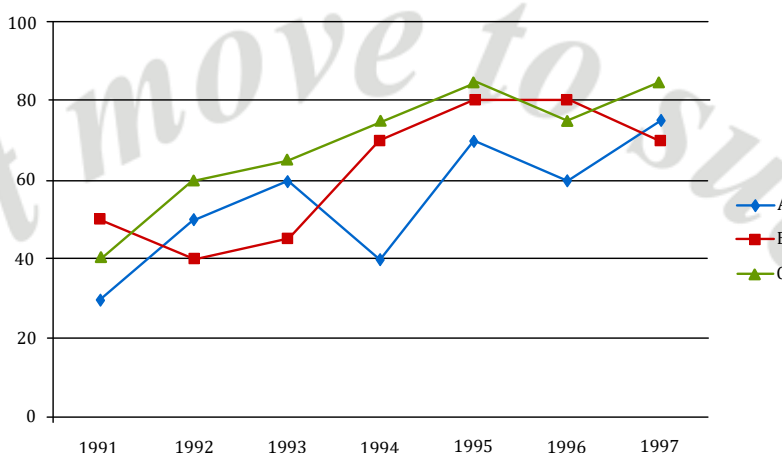
**Directions for Q157 to Q159:** Study the following graph to answer the given questions; Production of two companies A and B over the years:



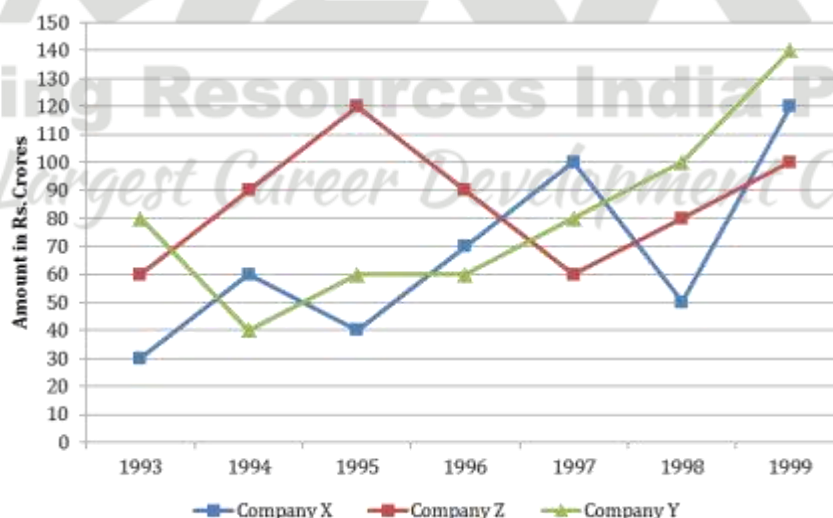
157. For company A, what is the percent decrease in production from 1994 to 1995?

- (a) 75 (b) 50 (c) 25 (d) 10

158. In 2001, the production of company B is approximately what percent of that in 2000?  
(a) 60 (b) 157 (c) 192 (d) 50
159. For company A, in which year is the percentage increase/decrease in the production from the previous year the highest?  
(a) 2001 (b) 1995 (c) 1999 (d) 1996
160. Study the following graph carefully and answer the question given below it:  
Imports of 3 companies over the years (in Rs. crores)  
In which of the following years-the imports made by company A was exactly equal to average imports made by it over the given years?

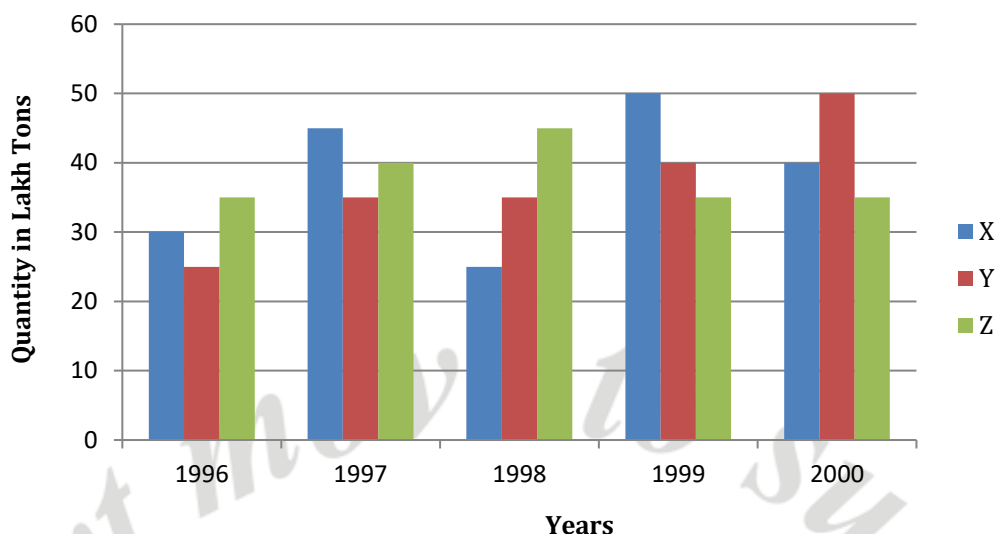


- (a) 1992 (b) 1993 (c) 1994 (d) None of these
161. Study the following line graph and answer the questions.  
Exports from Three Companies Over the Years (in Rs. Crore)  
For which of the following pairs of years the total exports from the three Companies together are equal?



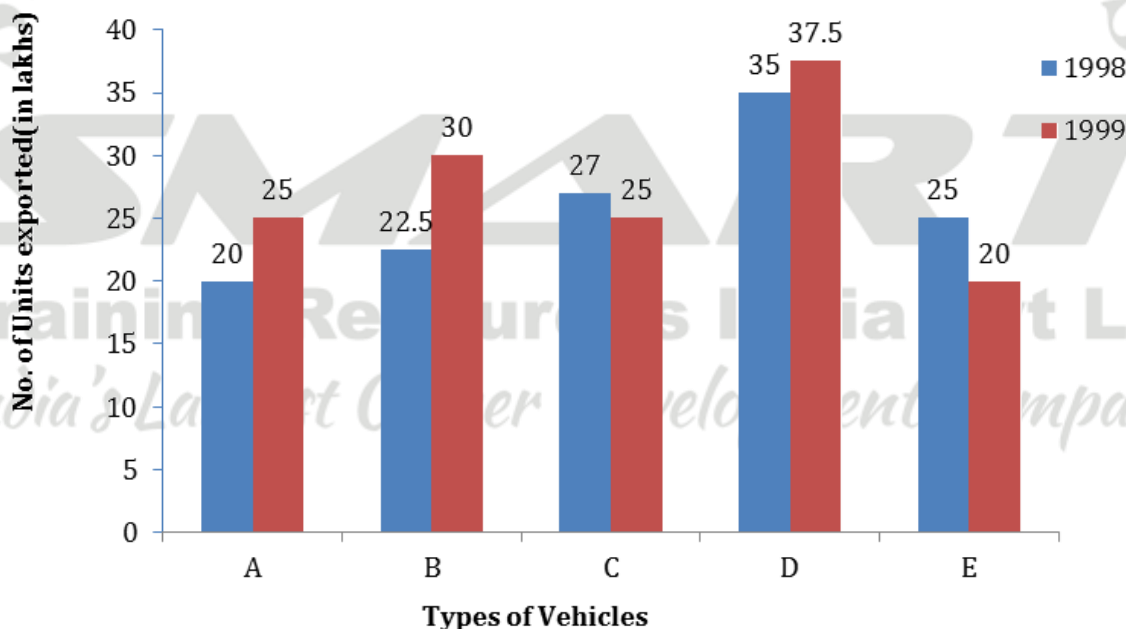
- (a) 1995 and 1998 (b) 1996 and 1998 (c) 1997 and 1998 (d) 1995 and 1996

162. Production of paper (in lakh tonnes) by three companies X – Y and Z over the years. Study the graph and answer the questions that follow.



What is the difference between the production of company Z in 1998 and company Y in 1996?

- (a) 2,00,000 tons (b) 20,00,000 tons  
(c) 20,000 tons (d) 2,00,00,000 tons
163. The graph shows the total number of the different types of vehicles (in lakh) exported by a company in 1998 and 1999. Study the graph carefully and answer these questions:



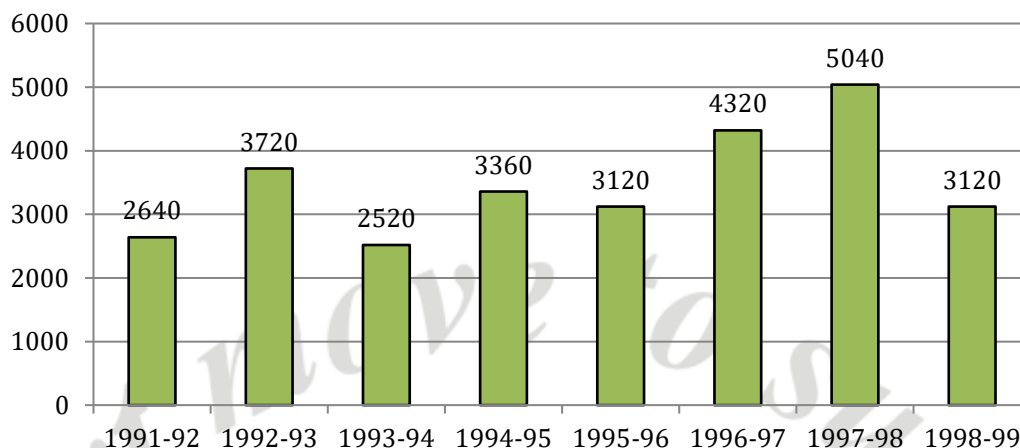
Total exports in 1998 and 1999 together was equal in case of which of the following pairs of types?

- (a) A and E (b) A and D (c) B and D (d) None of these



**Directions for Q164 to Q168:** The bar graph given below shows the foreign exchange reserves of a country (in million US \$) from 1991-1992 to 1998-1999.

**Foreign Exchange Reserves of a country. (in million US \$)**



164. The ratio of the number of years, in which the foreign exchange reserves are above the average reserves, to those in which the reserves are below the average reserves is  
(a) 2:6 (b) 3:4 (c) 3:5 (d) 4:4
165. The foreign exchange reserves in 1997-98 was how many times that is 1994-95?  
(a) 0.7 (b) 1.2 (c) 1.4 (d) 1.5
166. The foreign exchange reserves in 1996-97 were approximately what percent of the average foreign exchange reserves over the period under review?  
(a) 95% (b) 110% (c) 115% (d) 125%
167. In which year, the percent increase of foreign exchange reserves over the previous year, is the highest?  
(a) 1992-93 (b) 1993-94 (c) 1994-95 (d) 1996-97
168. What was the percentage increase in the foreign exchange reserves in 1997-98 over 1993-94?  
(a) 100 (b) 150 (c) 200 (d) 620
169. It is 8.00 p.m. when can Hemant get next bus for Ramnagar from Dhanpur?  
I. Buses for Ramnagar leave after every 30 minutes-till 10 p.m.,  
II. Fifteen minutes ago-one bus has left for Ramnagar.  
(a) if the data in statement I alone are sufficient to answer the question;  
(b) if the data in statement II alone are sufficient answer the question;  
(c) if the data either in I or II alone are sufficient to answer the question;  
(d) if the data in both the statement together are needed.



170. Carefully read and analyze the given two statements and select the appropriate option from the following.

Select option (A) as the answer option if Statement I is cause and Statement II is its effect.

Select option (B) as the answer option if Statement I is effect and Statement II is its cause.

Select option (C) as the answer option if both Statements I and II are independent causes.

Select option (D) as the answer option if Statements I and II are effects of a common cause.

Select option (E) as the answer option if Statements I and II are effects of independent causes.

**Statements:**

I. Mark's health has been continuously deteriorating in the past one-and-a-half years.

II. Mark has decided to transfer his shares in the company to his brother.

(a) (A) (b) (B) (c) (C) (d) (D) (e) (E)

171. What can you infer from the following statements, irrespective of the commonly known facts?

All liquids are pure. Some liquids are dark brown.

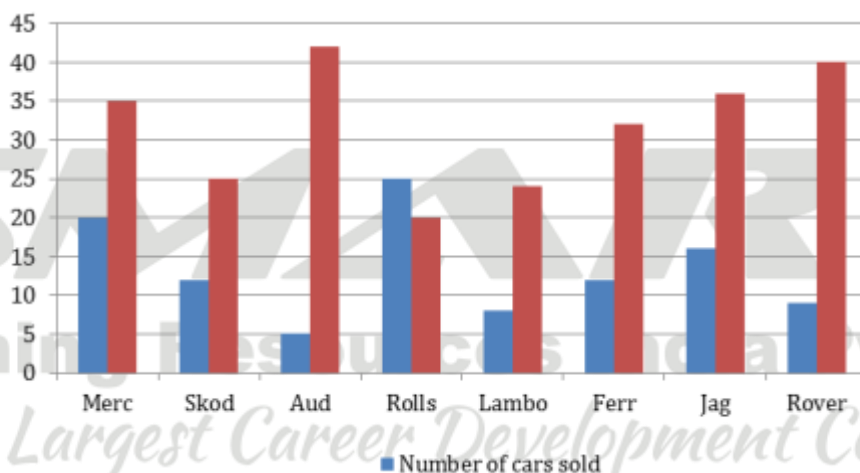
(a) All pure things are dark brown.

(b) No pure liquid is dark brown.

(c) All liquids are dark brown.

(d) None of the above.

**Directions for Q172 to Q176:** The graph given below shows the number of cars sold from a showroom in a particular month and the revenue generated by the sale of those cars (in '000 \$).



172. Approximately what percentage of the cars sold have a price greater than the mean revenue generated per car?

(a) 38% (b) 44% (c) 58% (d) 63%

173. Among cars Skod, Lambo, Ferr and Jag, which has the highest contribution towards revenue?

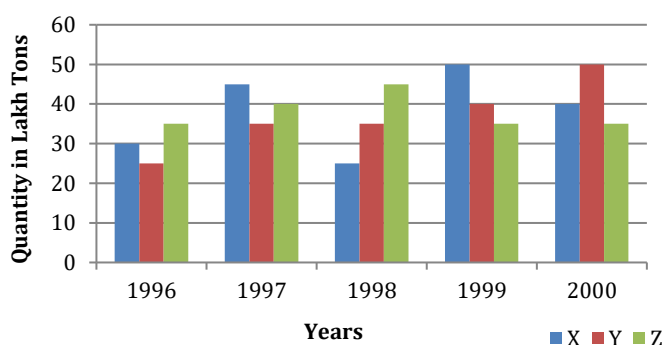
(a) Skod (b) Lambo (c) Ferr (d) Jag

174. Which car had the greatest contribution towards the revenue of the showroom?

(a) Aud (b) Rolls (c) Jag (d) Merc

175. What was the average revenue ('000 \$) generated per car (approximately)?  
(a) 30.1 (b) 32 (c) 103.6 (d) 401.7
176. What is the approximate average revenue (in '000 \$) generated per car sold by the showroom for the models Marc and Rolls?  
(a) 27.5 (b) 25 (c) 26.67 (d) 27

**Directions for Q177 to Q178:** Production of Paper (in lakh tonnes) by Three Companies X, Y and Z over the Years.



177. In which year was the percentage of production of company Z to the production of company Y, maximum?  
(a) 2000 (b) 1999 (c) 1998 (d) 1996
178. What is the percentage increase in the production of company Y from 1996 to 1999?  
(a) 30% (b) 45% (c) 50% (d) 60%
179. The wind is an inexhaustible stream of energy and an aerogenerator can transform it into electricity. Although not much has been achieved in this area, the survey indicates that there is a tremendous potential to grow wind as an alternate source of energy.

## Conclusions:

**Conclusion I.** Energy by wind is a new field comparatively,

**Conclusion II.** If there is exploration in the field of aero-generators then the energy crisis can be dealt with.

- (a) Only conclusion I follows (b) Only conclusion II follows  
(c) Neither I nor II follows (d) Both I and II follow
180. Which is the wrong number in this arrangement?  
6, 15, 41, 179, 839.  
Select your answer from below:  
(a) 15 (b) 41 (c) 179 (d) 839
181. Among four friends E, F, G and H, who is the heaviest? Given:  
I. F is heavier than E but lighter than H.  
II. G is lighter than F.  
(a) if the data in statement I alone are sufficient to answer the question.

- (b) if the data either in I or II alone are sufficient to answer the question.
- (c) if the data in statement II alone are sufficient answer the question.
- (d) if the data in both the statements together are needed.

182. Democracy would be meaningless until we achieve economics equality and Political Freedom.

**Conclusions:**

**Conclusion I.** Political Freedom and Democracy are interdependent.

**Conclusion II.** Economic Equality results in real political freedom and democracy.

- (a) Only conclusion I follows
- (b) Only conclusion II follows
- (c) Neither I nor II follows
- (d) Both I and II follow

183. Replaced the underlined  
They were all shocked at her loss in the competition.

- (a) Had all shocked at
- (b) Had all shocked by
- (c) Had been all shocked on
- (d) Sentence is correct

184. In a language, JAIPUR is coded as KBJQVS, then how would MUMBAI be coded?

- (a) NVNCBJ
- (b) NVDQ
- (c) AJSJKA
- (d) ADHDJD

185. Amit's father has 4 children; Shruti, Anant, Anhad. Select the fourth kid?

- (a) Anshul
- (b) Ankit
- (c) Sakshi
- (d) Amit

186. How can you throw a ball, make it stop and travel in the opposite direction all while touching the ball only once.

- (a) Throw Ball to the right
- (b) Throw ball to the left
- (c) Throw ball straight in front
- (d) Throw the ball up

187. If "all dogs are friends" is coded as '5321', "all cats are black" is coded as '6431' and "all dogs eat meat" is coded as '8751', then what is the numerical equivalent of "are"?

- (a) 6
- (b) 5
- (c) 3
- (d) 1

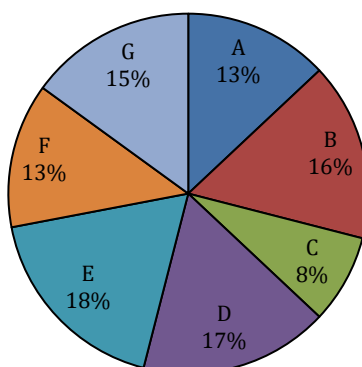
188. What is the next number in the sequence 1, 8, 4, 27, 9, ?

- (a) 16
- (b) 64
- (c) 8
- (d) 10

189. If 1-24 hours of the clock are substituted with English alphabets starting with B then which letter will signify 18<sup>th</sup> hour?

- (a) R
- (b) S
- (c) T
- (d) U

190. In 1997, population of town D had increased by 10%, but the population also decreased 5% from 1995 which was 9000. So, what is the total population in town D and G in 1997?



- (a) 19870                      (b) 19770                      (c) 19200                      (d) 18770

191. Which of these assumptions is implicit for the following statement:

Citizens above the age of 60 are eligible for a pension, however, women will be eligible for it when they turn 58.

**Assumptions**

1. Women get a pension earlier than men.
2. All individuals will get a pension by age of 60.

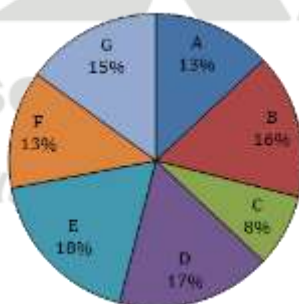
- (a) Only assumption 1                      (b) Only assumption 2  
(c) Neither assumptions 1 nor 2                      (d) Either assumption 1 or 2

192. If in a language SPORT is written as SROPT, then how would RELATIONSHIP be written in that language?

- (a) RLEIONTASIHP                      (b) RLONTIASHEP                      (c) RIHSNOITALEP                      (d) RLATIOENHSIP

**Directions for Q193 and Q194:** Study the following chart to answer the question given below.

Population of population of seven towns in 1995



193. In 1995 the total population of the seven towns was 55,000. So, will be population of town F in that year below poverty line?

- (a) 2500                      (b) 3000                      (c) 3500                      (d) 4500

194. In 1995 town C had a population of 2000. Find out the ratio of population town C had under Poverty Line to that of town E below the poverty line in the same year.

- (a) 76:207                      (b) 207:76

(c) 152:207 (d) 76:152

195. 2 mothers and 2 daughters were catching fishing. They managed to catch one big fish, one small fish, and one fat fish. Since only three fish were caught, how is it possible that they each took home a fish?

- (a) There was Grandmother, Mother and Daughter (b) One of them left early  
(c) Question is incorrect (d) None of the above

196. Carefully study the given statement and the two courses of action numbered I and II that follow the statement. Assume everything in the statement to be true and answer which of the given courses of action follow(s).

- (A) If only I follows (B) If only II follows  
(C) If either I or II follows (D) If neither I nor II follows  
(E) If both I and II follow

**Statement:** A recent survey by the Ministry of Tourism revealed that the past few months have seen a major decline in the inflow of tourists.

**Course of Action:**

- I. The tourism sector requires financial and to stabilize itself.  
II. Foreign tourists should be convinced of their safety during their visit to India.

- (a) (A) (b) (B) (c) (C)  
(d) (D) (e) (E)

197. In this question, you are given a statement followed by two courses of action. Assuming the information given in the statement to be true decide which of the suggested courses of action logically follow(s).

**Statement:** There has been dramatic increase in the number of theft cases from the college library in the past few weeks.

**Courses of Action:**

- I. College authorities should beef up the security for the library.  
II. Severe fine should be imposed on any person found stealing books from the library.

- (a) Only I follows (b) Only II follows  
(c) Either I or II follows (d) Neither I nor II follows  
(e) Both I and II follow

198. In this question, you are given a statement. Consider is true even if it appears opposed to common sense. The statement is followed by two assumptions. Read the statement and the assumptions, and decide which of the assumptions is/are implicit in the statement.

**Statement:** Nina said, "I do not want to become a nurse. It is easy to become a nurse."

**Assumptions:**

- I. Nina wants to become a professional.  
II. Nina aspires to become something which is difficult to achieve.

- (a) Only assumption I is implicit.  
(b) Only assumption II is implicit.

- (c) Either assumption I or assumption II is implicit.
- (d) Neither assumption I nor assumption II is implicit.
- (e) Both assumptions I and II are implicit.

