

Directions (1 - 6) : In the following questions, select the related word/letters/number from the given alternatives.

- UMPIRE : GAME :: ?
(a) Legislator : election
(b) Moderator : debate
(c) Prodigy : wonder
(d) Chef : banquet
- HCM : FAK :: SGD : ?
(a) ESQ (b) GES
(c) QEB (d) QIB
- FILM : ADGH :: MILK : ?
(a) HDGE (b) HDGF
(c) HEGF (d) ADGF
- A HOP : CKSU :: BJMF : ?
(a) DQKM (b) CJWM
(c) EZUQ (d) DMQK
- 583 : 488 :: 293 : ?
(a) 378 (b) 487
(c) 581 (d) 291
- 25 : 625 :: 35 : ?
(a) 1225 (b) 635
(c) 1575 (d) 1205
- Arrange the following words as per order in the dictionary :
(i) Ambitious (ii) Ambiguous
(iii) Ambiguity (iv) Animation
(v) Animals
(a) (iii), (ii), (i), (v), (iv)
(b) (iii), (ii), (iv), (v), (i)
(c) (iii), (ii), (iv), (i), (v)
(d) (iii), (ii), (v), (iv), (i)

Directions (8 - 11) : In the following questions find the odd word/letters/number pair from the given alternatives.

- (a) 240 (b) 304
(c) 272 (d) 210
- (a) Silver (b) Platinum
(c) Zinc (d) Bronze
- (a) MTF (b) SLE
(c) RKD (d) UNG
- (a) CENT (b) JLOS
(c) MORV (d) CEHL
- Which one of the given responses would be a meaningful order of the following ?
(i) Pupa (ii) Larva
(iii) Moth (iv) Eggs
(a) (iv), (iii), (ii), (i) (b) (iv), (iii), (i), (ii)
(c) (iv), (ii), (i), (iii) (d) (iv), (i), (ii), (iii)
- Which one of the given responses would be a meaningful order of the following continents in ascending order of area ?

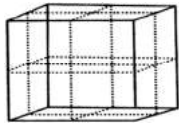
- (i) South America (ii) Africa
(iii) Europe (iv) Australia
(v) North America
(a) (ii), (v), (i), (iv), (iii) (b) (iv), (iii), (i), (v), (ii)
(c) (ii), (i), (v), (iii), (iv) (d) (ii), (v), (i), (iii), (iv)

Directions (14 - 21) : In the following questions, a series is given, with one term missing. Choose the correct alternative from the given ones.

- 17, 43, 81, 131, ?
(a) 300 (b) 193
(c) 375 (d) 468
- X, Q, K, F, ?
(a) C (b) D
(c) E (d) B
- 6 15 20
8 4 5
3 5 20
51 65 ?
(a) 120 (b) 51
(c) 12 (d) 56
- 16 25 9
36 64 81
10 13 ?
(a) 12 (b) 13
(c) 14 (d) 11
- 5, 11, 23, 47, 95, ?
(a) 161 (b) 169
(c) 190 (d) 191
- BEAG, DGCI, FIEK, ?
(a) HGKJ (b) HKLJ
(c) HMIE (d) HKGM
- 20, 29, 38, 47, ?
(a) 52 (b) 58
(c) 59 (d) 56
- 2 9 11 7
8 5 13 -3
7 ? 10 (-4)
6 4 10 ?
(a) 3 and 2 (b) (-3) and 2
(c) 3 and (-2) (d) (-3) and (-2)
- A man travels 4 km due north, then travels 6 km due east and further travels 4 km due north. How far he is from the starting point?
(a) 8 km (b) 10 km
(c) 6 km (d) 14 km
- If MUSICAL is written as KWQKACJ, how can SPRINKLE be written ?
(a) QRPKLMJG (b) UKTKPMNG
(c) QRBKCNJG (d) QNPGLIJC
- Ram and Sam start walking towards North and cover 20 metres. Ram turns to his left and Sam to his right.

- After sometimes, Ram walks 10 metres, in the same direction in which he turned. On the other hand, Sam walks only 7 metres. Later, Ram turns towards his left and Sam to his right. Both walk 25 metres forward. How far is Ram from Sam now ?
- (a) 17 metres (b) 5 metres
(c) 10 metres (d) 20 metres
25. N is more intelligent than M. M is not as intelligent as Y. X is more intelligent than V but not as good as N. Who is the most intelligent of all ?
- (a) M (b) Y
(c) N (d) X
- Directions (26 - 27) : In the following questions, from the given alternatives select the word which cannot be formed using letters of the given word.**
26. COURAGEOUS
- (a) COURSE (b) GRACE
(c) SECURE (d) ARGUE
27. SPECIFICATION
- (a) FAINTING (b) TONIC
(c) PACIFIC (d) FACTION
28. If MEAT is written as TEAM, then BALE is written
- (a) EBLA (b) EALB
(c) ELAB (d) EABL
29. If 'P' means '+', 'Q' means 'x', 'R' means '÷' and 'S' means '-' then :
- $44 Q 9 R 12 S 6 Q 4 P 16 = ?$
- (a) 25 (b) 112
(c) 36 (d) 124
30. There are 19 hockey players in a club. On a particular day, 14 were wearing the hockey shirts prescribed. None of them were without either hockey pants or shirts. Eleven were wearing the prescribed hockey pants. How many were in complete uniform ?
- (a) 6 (b) 9
(c) 7 (d) 8
31. If - stands for addition, ÷ for multiplication, × for subtraction and + for division, then which of the following is correct ?
- (a) $25 - 15 + 5 ÷ 4 × 16 = 21$
(b) $25 + 11 - 4 ÷ 10 × 6 = 20$
(c) $25 × 12 - 14 ÷ 4 + 6 = 16$
(d) $25 - 12 + 14 ÷ 2 × 4 = 15$
32. A direction pole was situated on the Road Crossing. Due to an accident, the pole turned in such a manner that the pointer which was showing East, started showing South. Sita, a traveller went to the wrong direction thinking it to be West. In what direction actually she was travelling ?
- (a) East (b) South
(c) North (d) West
33. Ram cycled 10 km southward from his home, turned right and cycled 6 km, turned right cycled 10 km turned left and cycled 15 km. How many km will he have cycled to reach straight home ?
- (a) 16 km (b) 20 km
(c) 10 km (d) 21 km
34. Which of the following interchange of signs would make the given equation correct ?
- $5 + 3 × 8 - 12 ÷ 4 = 3$
- (a) - and (b) + and
(c) + and (d) + and -
35. Which of the following interchange of sign would make the given equation correct ?
- $(20 + 4) × 4 ÷ 16 = 36$
- (a) ÷ and × (b) + and
(c) 16 and 36 (d) ÷ and +
36. If WATER is written as YCVGT, then what is written as HKTG ?
- (a) REFI (b) ERIF
(c) IRFE (d) FIRE
- Directions (37 - 38) : In the following questions, two statements are given followed by two conclusions I and II. You have to consider the two statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.**
37. **Statement :**
1. Some keys are locks, some locks are numbers.
 2. All numbers are letters, all letters are word.
- Conclusions:**
- I. Some words are numbers.
 - II. Some locks are letters.
- (a) Conclusion I follows
(b) Conclusion II follows
(c) Conclusions I and II follow
(d) None of the conclusion follows
38. **Statement :**
1. The constitution assures the fundamental rights.
 2. Parliament has right to amend the constitution.
- Conclusions:**
- I. Parliament included fundamental rights in the constitution.
 - II. Parliament did not assure the fundamental rights.
- (a) Only conclusion I follows
(b) Only Conclusion II follows
(c) Both conclusions I and II follow
(d) None of them
39. A cube which is painted red on the outer surface is of 2 inches height, 2 inches wide and 2 inches across. If it is cut into one-inch cubes as shown by dotted lines,

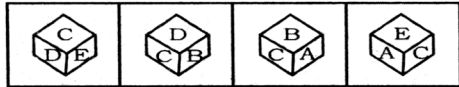
indicate the number of cubes which are red on two sides only ?



- (a) 4 (b) 6
(c) 8 (d) 0

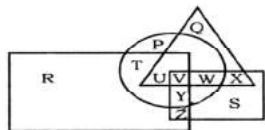
40. Four positions of dice are given below. Which letter will be opposite to D ?

Question figures :



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

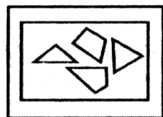
41. In the given figure, Circle represents persons having Car, triangle represents persons having Motor Cycle, square represents persons having Autorickshaws, rectangle represents persons having Cycle. Find the region where persons having Car, Motor Cycle, Cycle but not Autorickshaw.



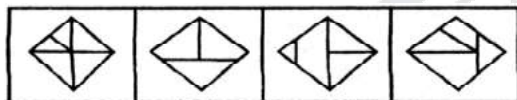
- (a) V (b) W
(c) X (d) U

42. Identify the response figure in which the figures given are found.

Question Figure :

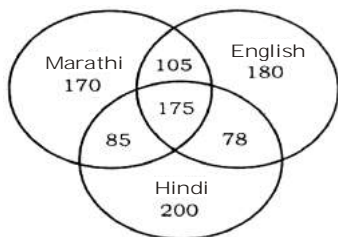


Answer figures :



- (a) (b) (c) (d)

Directions (43 - 44) : In the following questions, study the following diagram carefully and answer the questions based on it.



43. The diagram shows the survey on a sample of 1000 persons with reference to their knowledge of English, Hindi and Marathi. How many know all the languages?

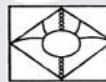
- (a) 105 (b) 85
(c) 78 (d) 175

44. The diagram shows the survey on a sample of 1000 persons with reference to their knowledge of English, Hindi and Marathi. 105 people know.....languages.

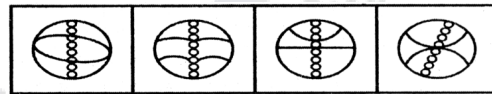
- (a) Marathi, English (b) Hindi, Marathi, English
(c) Marathi, Hindi (d) English, Hindi

Directions (45 - 46) : In the following questions, which answer figure will complete the pattern in the question figure ?

45. Question figure :

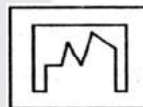


Answer figures :

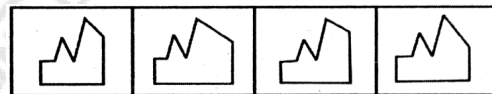


- (a) (b) (c) (d)

46. Question figure :



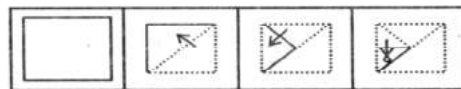
Answer figures :



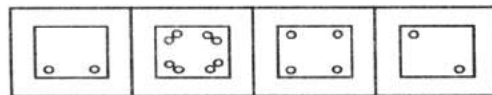
- (a) (b) (c) (d)

47. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

Question figures :



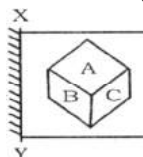
Answer figures :



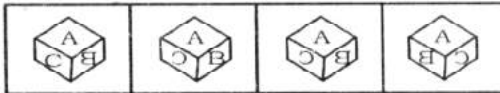
- (a) (b) (c) (d)

48. If a mirror is placed on the line XY then which of the answer figures is the right image of the given figure ?

Question figure :

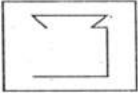


Answer figures :

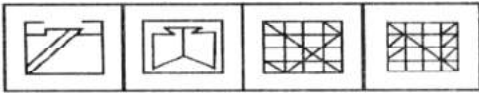


49. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question figure :



Answer figures :



50. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'N' can be represented by 02, 24 etc. and 'Q' can be represented by 56, 78 etc. Similarly, you have to identify the set for the word 'SPORTS'.

MATRIX-I

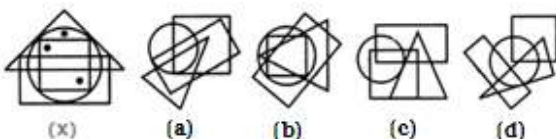
MATRIX-II

	0	1	2	3	4
0	L	M	N	O	K
1	N	M	K	L	O
2	L	K	M	O	N
3	N	O	K	M	L
4	O	M	K	L	N

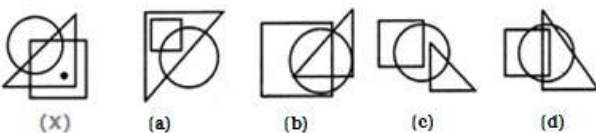
	5	6	7	8	9
5	P	Q	R	S	T
6	Q	P	S	R	T
7	T	R	P	Q	S
8	R	P	S	Q	T
9	Q	P	S	R	T

- (a) 67, 55, 31, 57, 69, 87 (b) 58, 77, 20, 85, 79, 97
 (c) 24, 66, 40, 85, 89, 58 (d) 87, 20, 23, 85, 75, 67

51. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.

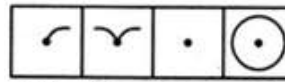
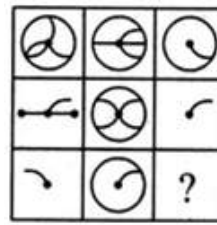


52. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.

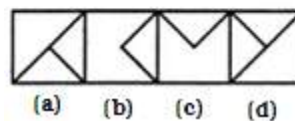
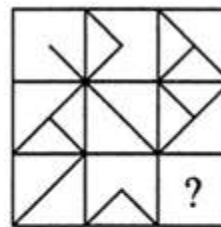


53. Select a suitable figure from the four alternatives that

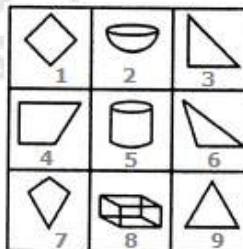
would complete the figure matrix.



54. Select a suitable figure from the four alternatives that would complete the figure matrix.

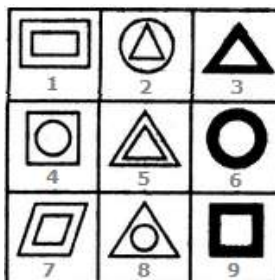


55. Group the given figures into three classes using each figure only once.



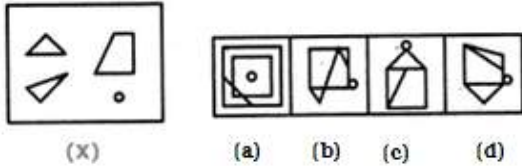
- A. 1,4,7 ; 2,5,8 ; 3,6,9
 B. 1,4,7 ; 2,5,9 ; 3,6,7
 C. 1,3,4 ; 2,5,8 ; 6,7,9
 D. 1,2,3 ; 4,5,6 ; 7,8,9

56. Group the given figures into three classes using each figure only once.

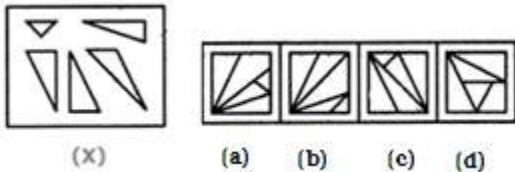


- A. 1,5,7 ; 2,4,6 ; 3,9,8
- B. 1,5,7 ; 2,4,8 ; 3,6,9
- C. 1,4,7 ; 2,5,8 ; 3,6,9
- D. 1,7,9 ; 3,5,8 ; 2,4,6

57. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X).



58. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X).

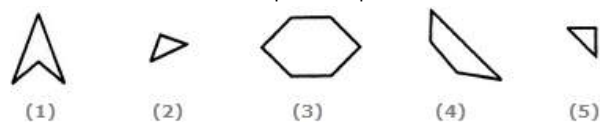


59. Select the alternative which represents three out of the five alternative figures which when fitted into each other would form a complete square.



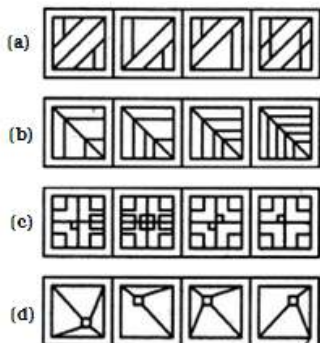
- A. 134
- B. 345
- C. 234
- D. 135

60. Select the alternative which represents three out of the five alternative figures which when fitted into each other would form a complete square.



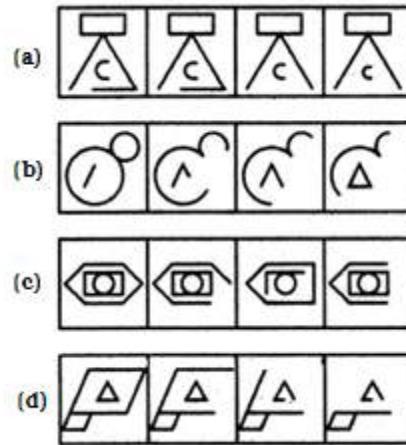
- A. 124
- B. 234
- C. 345
- D. 235

61. Choose the set of figures which follows the given rule.
Rule: The series becomes complex as it proceeds.



62. Choose the set of figures which follows the given rule.

Rule: Closed figures become more and more open and open figures become more and more closed.



Directions (Q. No. 63-64): Study the following digit-letter-symbol sequence carefully and answer the questions given below:

R * T J L 2 \$ D = M # 8 C % B < K 1 & A W ? P E + Q @ 7 F 6

63. What should come in place of question mark in the following on the basis of above sequence?

* R J : F 6 @ ; L J \$: Q @ E ; D \$ M : ?

- (1) # M C
- (2) P E W
- (3) P ? +
- (4) P E ?
- (5) None of these

Directions (Q. No. 64): Study the following series of alpha-numeric-symbol combination and answer the questions that follow:

S K 6 £ Q 2 R * C F 8 E \$ G 2 # 4 9 L N 3 U V 5 Y a B 7 W 9

64. How many symbols are there in the above arrangement each of which is immediately preceded by but not immediately followed by a letter of English alphabet?

- (1) Nil
- (2) One
- (3) Two
- (4) Three
- (5) None of these

Directions (Q. No. 65-66): Choose the correct alternative from the following

65. **Assertion (A)** : There is no vaccine for AIDS.

Reason (R) : The AIDS virus changes its genetic code.

Option:

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is NOT the correct explanation of A.
- C. A is true but R is false.
- D. A is false but R is true.
- E. Both A and R are false.

66. **Assertion (A)** : Clothes are not washed properly in

hard water.

Reason (R) : Hard water contains many minerals.

Option :

- A. Both A and R are true and R is the correct explanation of A.
B. Both A and R are true but R is NOT the correct explanation of A.
C. A is true but R is false.
D. A is false but R is true.
E. Both A and R are false.
67. An Angry customer wants to meet the senior manager for grievance reporting. What will you do?
A) Talk to him yourself
B) Be patient and try to cool him down
C) Try to remove his inconveniences by consulting seniors
D) Tell him it is not easy to meet the senior manager
68. What is found necessarily in milk?
A. Cream B. Curd
C. Water D. Whiteness
69. Which one of the following is always with 'Bargain'?
A. Exchange B. Sumptuousness
C. Triviality D. loquence

Directions (Q. No. 70-71): Each of the following questions contains a small paragraph followed by a question on it. Read each paragraph carefully and answer the question given below it.

70. The future of women in India is quite bright and let us hope that they will justify their abilities by rising to the occasion. Napoleon was right when he declared that by educating the women we can educate the whole nation. Because a country can never rise without the contribution of 50% of their population.

The passage best supports the statement that:

- A. India is striving hard for the emancipation of women.
B. all women should be well educated.
C. a nation can progress only when women are given equal rights and opportunities as men.
D. women ought to be imparted full freedom to prove their worth and contribute to the progress of the nation.
71. The prevention of accidents makes it necessary not only that safety devices be used to guard exposed machinery but also that mechanics be instructed in safety rules which they must follow for their own protection, and that lighting in the plant be adequate.

The passage best supports the statement that industrial accidents -

- A. are always avoidable;
B. may be due to ignorance.
C. cannot be entirely overcome.
D. can be eliminated with the help of safety rules.

Directions (Q. No. 72-73): Below in each of the questions are given two statements I and II. These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statements. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.

72. **Statements:**

I. Importance of Yoga and exercise is being realized by all sections of the society.

II. There is an increasing awareness about health in the society particularly among middle ages group of people.

A. Statement I is the cause and statement II is its effect.

B. Statement II is the cause and statement I is its effect.

C. Both the statements I and II are independent causes.

D. Both the statements I and II are effects of independent causes.

73. **Statements:**

I. The prices of food grains and other essential commodities in the open market have risen sharply during the past three months.

II. The political party in opposition has given a call for general strike to protest against the government's economic policy.

A. Statement I is the cause and statement II is its effect.

B. Statement II is the cause and statement I is its effect.

C. Both the statements I and II are independent causes.

D. Both the statements I and II are effects of independent causes.

Directions (Q. No. 74-75): In each question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing.

74. **Statement:** There is an unprecedented increase in migration of villagers to urban areas as repeated crop failure has put them into precarious financial situation.

Courses of Action:

I. The villagers should be provided with alternate source of income in their villages which will make them stay put.

II. The migrated villagers should be provided with jobs in the urban areas to help them survive.

- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Neither I nor II follows

75. **Statement:** As stated in the recent census report the female to male ratio is alarmingly low.

Courses of Action:

I. The government should conduct another census to verify the results.

II. The government should immediately issue orders to all the departments to encourage people to improve the ratio.

- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Neither I nor II follows

Directions (Q. No. 76-77): Each question given below consists of a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument.

76. **Statement:** Should India make efforts to harness solar energy to fulfil its energy requirements?

Arguments:

I. Yes, Most of the energy sources used at present is exhaustible.

II. No. Harnessing solar energy requires a lot of capital, which India lacks in.

- A. Only argument I is strong
- B. Only argument II is strong
- C. Either I or II is strong
- D. Neither I nor II is strong
- E. Both I and II are strong

77. **Statement:** Should there be students union in college/university?

Arguments:

I. No. This will create a political atmosphere in the campus.

II. Yes, it is very necessary Students are future political leaders.

- A. Only argument I is strong
- B. Only argument II is strong
- C. Either I or II is strong
- D. Neither I nor II is strong

Directions (Q. No. 78-79): In each question below is given

a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

78. **Statement:** "In order to bring punctuality in our office, we must provide conveyance allowance to our employees." - In charge of a company tells Personnel Manager.

Assumptions:

I. Conveyance allowance will not help in bringing punctuality.

II. Discipline and reward should always go hand in hand.

- A. Only assumption I is implicit
- B. Only assumption II is implicit
- C. Either I or II is implicit
- D. Neither I nor II is implicit

79. **Statement:** Unemployment allowance should be given to all unemployed Indian youth above 18 years of age.

Assumptions:

I. There are unemployed youth in India who needs monetary support.

II. The government has sufficient funds to provide allowance to all unemployed youth.

- A. Only assumption I is implicit
- B. Only assumption II is implicit
- C. Either I or II is implicit
- D. Neither I nor II is implicit

Directions (Q. No. 80-81): In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

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

Conclusions:

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

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. Either I or II follows
- D. Neither I nor II follows

81. **Statements:** Population increase coupled with depleting resources is going to be the scenario of many developing countries in days to come.

Conclusions:

- I. The population of developing countries will not continue to increase in future.
II. It will be very difficult for the governments of developing countries to provide its people decent quality of life.
- A. Only conclusion I follows
B. Only conclusion II follows
C. Either I or II follows
D. Neither I nor II follows
E. Both I and II follow

Directions (Q. No. 82-83): In each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

82. **Question:** How many children does M have ?

Statements:

- I. H is the only daughter of X who is wife of M.
II. K and J are brothers of M.
- A. I alone is sufficient while II alone is not sufficient
B. II alone is sufficient while I alone is not sufficient
C. Either I or II is sufficient
D. Neither I nor II is sufficient

83. **Question:** How much was the total sale of the company ?

Statements:

- I. The company sold 8000 units of product A each costing Rs. 25.
II. This company has no other product line.
- A. I alone is sufficient while II alone is not sufficient
B. II alone is sufficient while I alone is not sufficient
C. Either I or II is sufficient
D. Both I and II are sufficient

Directions (Q. No. 84-86): Given an input, a coding machine generates pass codes for six batches every day as follows:

Input: you should know about type of questions

Pass Code:

Batch I: you questions should of know type about
Batch II: about you type questions know should of
Batch III: about of you should type know questions
And so on till the sixth batch.

The first batch begins work at 10. a.m. Each batch works for one hour. There is a rest period of one hour after the fourth batch's work is over.

84. If the input on a day is 'eight friends are sitting in the circle', then what be the pass code for the batch at 3 p.m.?
- A. the circle in friends are sitting eight
B. circle sitting are the in eight friends

- C. sitting friends the are circle in eight
D. circle friends sitting eight are in the

85. Ajay was to attend the batch at 4 p.m. on a day with a pass code 'sentence awarded by high court was executed'. However, he was completed to work in the batch 12 noon on that day. What was his pass code then?

- A. awarded sentence executed high by court was
B. was executed by awarded court high sentence
C. by high was sentence court awarded executed
D. None of these

86. What will be the input on a day on which pass code for the immediate pre-rest hour batch is 'answer-sheet information your the on fill up'?

- A. fill up your information on the answer-sheet
B. fill answer-sheet up the your on information
C. information your up answer-sheet on fill the
D. information up on the fill answer-sheet your

Directions (Questions 87 to 89): Read the following information carefully and answer the questions below it:

A company has following Gratuity (G) and provident Fund (PF) rules:

1. An employee must have completed one year's service to be eligible for either G or PF.
2. An employee resigning or retiring or retrenched after ten years' service gets both G and PF.
3. An employee retrenched or retiring after five years but before 10 years' service gets both G and PF, but that resigning during this period gets either G or PF.
4. An employee retrenched or retiring before 5 years' service gets PF but not G; but that resigning during this period gets neither G nor PF.

However,

5. in case an employee dies after 2 years' service, his family gets both G and PF.
6. in case an employee was on leave without pay, such period is deducted from his total years of service and then above rules are applied.
7. in the case of a lady employee, if she has completed 2 years' service, two years are added to her actual service before applying the above rules, as a special consideration.

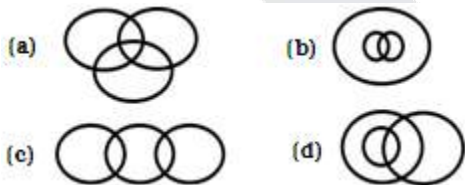
Apply the above rules to the cases described in each of the following questions and decide whether the employee is eligible for G and/or PF.

87. Mr. Augustin serving in the company for five years out of one year he was on leave without pay, was retrenched from the service.
- A If only G can be given
B If only PF can be given
C If either G or PF can be given

- D If both G and PF can be given
88. Miss Monika served for $3/2$ years and was retrenched.
A If only G can be given
B If only PF can be given
C If either G or PF can be given
D If both G and PF can be given
89. Mr. Juneja was retrenched from service after seven years.
A. If only G can be given
B. If only PF can be given
C. If either G or PF can be given
D. If both G and PF can be given

Direction (Question of 90): The following questions are based on the information given below:

- A cuboid shaped wooden block has 6 cm length, 4 cm breadth and 1 cm height.
 - Two faces measuring 4 cm x 1 cm are coloured in black.
 - Two faces measuring 6 cm x 1 cm are coloured in red.
 - Two faces measuring 6 cm x 4 cm are coloured in green.
 - The block is divided into 6 equal cubes of side 1 cm (from 6 cm side), 4 equal cubes of side 1 cm (from 4 cm side).
90. How many cubes will have 4 coloured sides and two non-coloured sides?
A. 8 B. 4
C. 16 D. 10
91. Which of the following Venn- diagram correctly illustrates the relation ship among the classes:
Tennis fans, Cricket players, Students



92. Select the correct combination of mathematical signs to replace * signs and to balance the given equation.
 $15 * 24 * 3 * 6 * 17$
(a) $- \div + =$ (b) $+ \div - =$
(c) $+ \times = \div$ (d) $- \times = +$
93. If each of the letters in the English alphabet is assigned an even numerical value by giving A = 2, B = 4 and so on, what would be the total value of the letters for the word LADY when similarly coded?
(a) 82 (b) 74 (c) 72 (d) 84
94. If the word LEADER is coded as 20-13-9-12-13-26] how would you write LIGHT?
(a) 20-16-15-17-22 (b) 20-16-17-15-27

- (c) 20-15-16-18-23 (d) 20-17-15-16-28
95. If the first and second letters in the word 'COMMUNICATIONS' were interchanged, also the third and the fourth letters, the fifth and sixth letters and so on, which letter would be the tenth letter counting from your right?
(a) N (b) U (c) A (d) T

Directions (96-100): Study the following information to answer the given questions:

Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row - 1, A, B, C, D, E and F are seated and all of them are facing south. In row - 2, P, Q, R, S, T and V are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

- V sits third to right of S. S faces F and F does not sit at any of the extreme ends of the line. D sits third to right of C. R faces C. The one facing E sits third to right of P. B and P do not sit at the extreme ends of the line. T is not an immediate neighbour of V and A is not an immediate neighbour of C.
96. Who amongst the following faces D?
(a) T (b) P (c) Q (d) R
97. Who amongst the following represent the people sitting at extreme ends of the rows?
(a) R, F (b) T, A (c) D, R (d) C, Q
98. Three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(a) D (b) S (c) V (d) T
99. How many persons are seated between R and T?
(a) One (b) Two (c) Three (d) Four
100. Who amongst the following faces Q?
(a) D (b) B (c) E (d) A
101. Who among the following was known as the 'Parrot of India'?
(a) Hussain Shah (b) Amir Khusrau
(c) BarbakShah (d) Nanak
102. Who was the Delhi Sultan to impose Jizya even on the Brahmins?
(a) Ala-ud-din Khilji (b) Firoz Tughluq
(c) Muhammad Tughluq (d) Balban
103. With Which country Russia begin joint military drills DRUZBA 2017?
A. India B. Pakistan
C. New Zealand D. Australia
104. The Tenth DefExpo India begins in _____.
A. Himachal Pradesh B. Manipur
C. Andhra Pradesh D. Tamilnadu

105. The famous Sun Temple at Konark was built by
(a) Prataparudra (b) Anantavarman
(c) Narasimha-I (d) Narasimha-II
106. Who constructed Humayun's tomb in Delhi?
(a) Babar (b) Akbar
(c) Haji Begam (d) Humayun
107. Who translated 'Mahabharatha into Persian?
(a) Ibn-Batuta (b) Abul Fazal
(c) Babar (d) Badauni
108. The father of extremist movement in India is :
(a) Motilal Nehru
(b) Gopal Krishna Gokhale
(c) Vallabhbhai Patel
(d) Bal Gangadhar Tilak
109. Which of the following city tops Quality of Governance Survey?
A. Surat B. Bhubaneswar
C. Pune D. Thiruvananthapuram
110. Which union ministry has bagged the award for best implementation of E-office?
A. Ministry of External Affairs
B. Ministry of Finance
C. Ministry of Drinking Water and Sanitation
D. Ministry of Personnel, Public Grievances & Pensions
111. The system of communal electorate in India was first introduced by :
(a) Indian Council Act of 1892.
(b) Minto-Morley reforms of 1909
(c) Montagu-Chelmsford reforms of 1919
(d) Government of India of 1935
112. Who designed the national flag of Independent India ?
(a) Bankim Chandra Chatterjee
(b) Rabindranath Tagore
(c) Mahatma Gandhi
(d) Pingali Venkaiah
113. Impeachment Proceedings against the President for violation of the Constitution can be initiated in :
(a) Either House of Parliament
(b) The Lok Sabha
(c) The Rajya Sabha
(d) The Supreme Court
114. According to a report by New World Wealth, this Indian city has ranked 12th out of 15 wealthiest cities globally.
A. Chennai B. Hyderabad
C. Delhi D. Mumbai
115. Sachin: A Billion Dreams wins _____ awards in 11th Tehran International FICTS Festival 2018.
A. 2 B. 3 C. 1 D. 4
116. An Ordinary bill passed by the State Assembly can be delayed by the Legislative Council for a maximum period of
(a) 1 month (b) 6 months
(c) 3 months (d) 4 months
117. There is no provision in the Constitution for the impeachment of the
(a) Chief Justice of India
(b) Chief Justice of a High Court
(c) Governor
(d) Vice President
118. Who finally approves the draft Five-Year-Plan?
(a) Planning Commission
(b) President
(c) National Development Council
(d) Parliament and State Legislatures
119. This ministry launched the Mission Retro-Fitment recently.
A. Ministry of Railways
B. Ministry of Rural Development
C. Ministry of Consumer Affairs
D. Ministry of External Affairs
120. Which app is launched by the Union Minister Piyush Goyal to monitor the coal dispatch?
A. URJA B. Vidhyut Pravah
C. SEVA D. GARV-II
121. The deciding authority of States share in central taxes is the
(a) Finance Commission
(b) Planning Commission
(c) Election Commission
(d) Finance Minister
122. The Attorney General of India has the right to audience in
(a) any Sessions Court
(b) High Court
(c) Supreme Court
(d) any court of law within the territory of India
123. Who was the first Chief Election Commissioner of India ?
(a) G.V. Mavlankar (b) T. Swaminathan
(c) K.V.K. Sundaram (d) Sukumar Sen
124. Rana Kanwar Pal was elected as the Speaker of the Legislative Assembly of
A. Uttar Pradesh B. Punjab
C. Goa D. Manipur
125. Mukesh Ambani ranks _____ in the World's Greatest Leaders of 2018 as per the report of Fortune magazine.
A. 32nd B. 18th
C. 12th D. 24th
126. Comptroller and Auditor General of India is appointed

- by the
(a) Prime Minister (b) President
(c) Finance Minister (d) Lok Sabha
127. Palghat joins which of the following states?
(a) Sikkim and West Bengal
(b) Maharashtra and Gujarat
(c) Kerala and Tamil Nadu
(d) Arunachal Pradesh and Sikkim
128. The largest irrigation canal in India is called the :
(a) Yamuna canal
(b) Sirhand canal
(c) Indira Gandhi canal
(d) Upper Bari Doab canal
129. Who of the following have been selected as India's representatives at the global Football For Friendship (F4F) social programme in Russia?
A. Surya Varikuti and Rudresh Gaudnour
B. Avinash Kumar and Pankaj Jain
C. Preeti Desai and Nishad Das
D. K S Parashar and Trilok Chanda
130. Who of the following has confirmed as the new chief of NASA by US Senate?
A. James Lankford B. Jim Bridenstine
C. Mo Brooks D. Steve Russell
131. Asia's first underground Hydel Project is located in which of the following States in India?
(a) Jammu & Kashmir
(b) Himachal Pradesh
(c) Arunachal Pradesh
(d) Uttar Pradesh
132. Match the dams and the rivers across which those have been constructed.
- | Dam | | River | |
|------------------|--|---------------|--|
| (a) Gandhi Sagar | | 1. Bhagirathi | |
| (b) Jayakwadi | | 2. Krishna | |
| (c) Nagarjuna | | 3. Godavari | |
| (d) Tehri | | 4. Chambal | |
| (a) (b) (c) (d) | | | |
| (a) 4 3 2 1 | | | |
| (b) 3 1 4 2 | | | |
| (c) 2 4 3 1 | | | |
| (d) 4 2 1 3 | | | |
133. Who become the second Indian male boxer after Suranjay Singh to win gold in the flyweight category (52kg) at the Commonwealth Games?
A. Vikas Krishan Yadav B. Jitender Kumar
C. Vijender Singh Beniwa D. Gaurav Solanki
134. The theme for World Earth Day (22 April) 2018 is _____.
A. Save Earth
B. Control Pollution
C. Environmental and Climate Literacy
D. End Plastic Pollution
135. The highest multipurpose dam built on the river Ravi is-
(a) Bhakra Nangal (b) Kahalgaon
(c) Ranjit Sagar dam (d) Rihand dam
136. Match the Dams and the States in which they are situated:
- | Dam | State |
|---------------------|--------------------|
| (a) Tungabhadra | (a) Kerala |
| (b) Lower Bhawani | (b) Andhra Pradesh |
| (c) Idukki | (c) Tamil Nadu |
| (d) Nagarjuna Sagar | (d) Karnataka |
| (a) (b) (c) (d) | |
| (a) (c) (b) (d) (a) | |
| (b) (b) (d) (c) (a) | |
| (c) (d) (c) (a) (b) | |
| (d) (a) (d) (b) (c) | |
137. To make education system in India more transparent, this ministry introduce e-SANAD portal and NAD recently.
A. Ministry of Minority Affairs
B. Ministry of Civil Aviation
C. Ministry of Women and Child Development
D. Ministry of Human Resource Development
138. This Indian city is the highest paying city for talent as per the Randstad study.
A. Mumbai B. Bengaluru
C. New Delhi D. Pune
138. Which river of India is called Vridha Ganga?
(a) Krishna (b) Godavari
(c) Kaveri (d) Narmada
139. The dispute about the "Mullaperiyar dam" concerns which states?
(a) Karnataka and Tamil Nadu
(b) Tamil Nadu and Kerala
(c) Kerala and Karnataka
(d) Andhra Pradesh and Karnataka
140. The difference between the GNP and the NNP is equal to the
(a) consumer expenditure on durable goods
(b) direct tax revenue
(c) indirect tax revenue
(d) capital depreciation
141. What was Punjab's rank in the Khelo India School Games held in February 2018?

- (c) Fatehgarh Sahib (d) SBS Nagar
164. Where is Shalimar Garden situated?
 (a) Jalandhar (b) Kapurthala
 (c) Amritsar (d) Sangrur
165. Acquired Immuno-Deficiency Syndrome (AIDS) is caused by
 (a) protozoa (b) virus
 (c) fungus (d) bacteria
166. The largest mixed gland of human body is :
 (a) Thymus (b) Liver
 (c) Pancreas (d) Spleen
167. Match the following :
- | List - I | | | | List - II | | | |
|------------------|-----|-----|-----|------------------|--|--|--|
| (a) Aquaculture | | | | (1) Silk | | | |
| (b) Floriculture | | | | (2) Grapes | | | |
| (c) Sericulture | | | | (3) Flower | | | |
| (d) Viticulture | | | | (4) Fisheries | | | |
| | (a) | (b) | (c) | (d) | | | |
| (a) | 4 | 3 | 2 | 1 | | | |
| (b) | 3 | 4 | 1 | 2 | | | |
| (c) | 3 | 4 | 2 | 1 | | | |
| (d) | 4 | 3 | 1 | 2 | | | |
168. What is the full form of PEPSU?
- (a) Punjab & Punjab State Union
 (b) Punjab & East Punjab State Union
 (c) Punjab & Patiala State Union
 (d) Patiala & East Punjab State Union
169. Kandi area, an important agro-climate zone of Punjab, has following characteristic:
 (i) Sub-Mountainous undulating terrain
 (ii) Lack of perennial water source
 (iii) High cost of cultivation
 (iv) Extremely fertile land
 (a) (i) and (iv) are correct
 (b) (i), (ii) and (iii), are correct
 (c) (ii), (iii) and (iv) are correct
 (d) (i), (ii) and (iv) are correct
170. The biological decomposition of organic substances in wastes under controlled conditions known as
 (a) composting
 (b) incineration
 (c) sanitary landfill
 (d) pyrolysis

Answer Key

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
b	c	b	d	a	a	a	d	d	a	a	c	b	b	d	a	a	d	d	d
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
c	b	a	a	c	c	a	b	a	a	a	c	d	a	d	d	c	d	d	d
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
d	d	d	a	b	c	b	c	d	a	b	a	c	b	a	b	c	c	c	d
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
b	b	b	a	a	b	b	d	a	d	d	b	a	a	b	a	e	b	a	e
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
b	d	e	d	e	a	b	b	d	b	a	b	d	d	a	a	b	b	b	c
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
b	b	b	d	c	c	d	d	c	c	b	d	a	d	a	d	c	c	a	c
121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140
a	d	d	b	d	b	c	c	a	b	b	a	d	d	c	c	d	b	b	d
141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160
b	d	b	c	c	d	d	d	c	d	a	c	c	d	b	b	a	c	a	b
161	162	163	164	165	166	167	168	169	170										
b	a	c	b	b	c	d	d	b	a										