

# Bank of Baroda PO

Held on 13-03-2011

## Test-I: Reasoning Ability

**Directions (Q. 1-5):** In each question below is given a statement followed by two assumptions/inferences numbered I and II. An assumption is something supposed or taken for granted and an inference is something which can be directly inferred from the given facts. You have to consider the statement and the following assumptions/ inferences and decide which of those is/are implicit in the statement. Give answer

- 1) if only I is implicit.
  - 2) if only II is implicit.
  - 3) if either I or II is implicit.
  - 4) if neither I nor II is implicit.
  - 5) if both I and II are implicit.
1. **Statement:** 'Do not enter—avoid the risk of getting infected with ABC disease' — written outside the quarantine ward no. 2 (meant only for ABC disease) of a hospital.  
**L** Disease ABC is contagious.  
**D** All the patients in ward no. 2 suffer from disease ABC.
  2. **Statement:** In city Z, people prefer to buy car X instead of car Y as car X has German technology, which is very advanced.  
**L** Cars with German technology are perceived to be better than other cars in city Z.  
**IL** Had German technology been present in car Y also, its sales would have crossed car X's sales.
  3. **Statement:** Railways does not provide concession to any one for travelling to certain holiday destinations.  
**L** Railway services are available for travelling to these holiday destinations.  
**U** Railways provides concession to certain persons for travelling to places other than these holiday destinations.
  1. **Statement:** "Travellers with a ticket for the second class if found travelling in the first-class compartments would be penalised."—A notice in the compartments of a train  
**L** Travellers with a ticket for the first class are also not allowed to travel in the second-class compartments.  
**D** Inspections are carried out in the train to check the tickets.
  2. **Statement:** The prices of petrol and diesel have remained unchanged only in Nigeria for the past three years.  
**L** Petrol and diesel prices have changed elsewhere in the world during these three years.  
**D** Before this three-year period, petrol and diesel were available at a price different from the present rates.

**Directions (Q. 6-9):** In each question below, a statement is given followed by two courses of action numbered I and II. A course of action is a step or administrative decision to be taken for follow-up, improvement, or further action in regard to the problem, policy, etc. On the basis of the information given in the statement, you have to assume everything in the statement to be true and then decide which of the suggested courses of action logically follow(s) for pursuing. Give answer

- 1) if only I follows.
  - 2) if only II follows.
  - 3) if either I or II follows.
  - 4) if neither I nor II follows.
  - 5) if both I and II follow.
6. **Statement:** People see tax as a burden and thus devise ways to underpay or avoid it altogether.  
**Courses of action:**  
**L** Government should educate and inform citizens about the ways in which taxes help in development of the nation.  
**D** Tax rates should be increased so that the under-recovery in collection is compensated.
  7. **Statement:** There is no motivation among today's generation to join the armed forces owing to frequent transfers to risky areas. Perhaps they are not aware of the good side of it.  
**Courses of action:**  
**L** Short-term internship should be introduced at high-school level to give students a peek into the adventurous life of the forces and provide a more realistic job preview.  
**IL** The salaries of the defence forces should be increased with immediate effect.
  8. **Statement:** A plethora of bodies with no single one which can be held accountable for the city's development is the key reason behind its rather stagnant state.  
**Courses of action:**  
**L** Each body should be given a set of duties and there should be no duplication in such allocation.  
**D** An umbrella committee should be appointed with powers to regulate actions of all the other bodies.
  9. **Statement:** The number of hospital beds per 10,000 people in India, which is a key indicator of healthcare infrastructure, is much lower than many other nations which are thought to be poorer than India.  
**Courses of action:**  
**L** The expenditure of importing costly medicines should be borne by the State.

H. Incentives should be given to encourage entry of private players into building of healthcare infrastructure.

**Directions (Q. 10-16): 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 sitting and all of them are facing South. In row 2, P, Q, R, S, T and V are sitting and all of them are facing North. Therefore, in the given seating arrangement, each member of a row faces another member of the other row.

V sits third to the right of S. S faces F and F does not sit at any of the extreme ends of the lines. D sits third to the right of C. R faces C. The one facing E sits third to the right of R. B and P do not sit at the extreme ends of the lines. T is not an immediate neighbour of V and A is not an immediate neighbour of C.

10. Who among the following faces D?  
1) T 2) P 3) Q 4) R 5) None of these
11. Who among the following represent the persons sitting at extreme ends of the rows?  
1) R, F 2) T, A 3) D, R 4) C, Q 5) S, A
12. Four of the following five are alike in a certain way and thus form a group. Which is the one that does not belong to that group?  
1) B, T 2) A, Q 3) C, S 4) F, P 5) D, R
13. Four of the following five are alike in a certain way and thus form a group. Which is the one that does not belong to that group?  
1) D 2) S 3) V 4) T 5) A
14. How many persons are seated between R and T?  
1) One 2) Two 3) Three 4) Four 5) None
15. Who among the following faces Q?  
1) D 2) B 3) E 4) A 5) None of these
16. Which of the following is true regarding B?  
1) B sits on the immediate left of C.  
2) B faces Q.  
3) B sits fourth from the extreme left end of the line.  
4) D and F are immediate neighbours of B.  
5) None is true

**Directions (Q. 17-21): Each of the questions below consists of a question and two statements numbered I and II given below. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer**

- 1) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
- 2) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
- 3) if the data in statement I alone or in statement II alone are sufficient to answer the question.
- 4) if the data even in both statements I and II together are not sufficient to answer the question.

5) if the data in both statements I and II together are necessary to answer the question.

17. In a six-storey building (consisting of floors numbered 1, 2, 3, 4, 5 and 6, where the ground floor is numbered 1, the floor above it is numbered 2 and so on), the third floor is unoccupied. The building houses different people, viz P, Q, R, S and T, each living on a different floor. On which of the floors does T live?

I S lives between the floors on which R and T live.

II There are two floors between T's floor and Q's floor.

18. How is 'see' written in a code language?  
L 'hope to see you' is written as '3692', and 'do you see that' is written as '1973'.

II 'to pray and hope' is written as '0286' and 'hope I do well' is written as '5467'.

19. Five friends, viz A, B, C, D and E, sitting around a circular table are facing the centre. Who is sitting on the immediate left of A?

L A sits third to the right of B. D is not an immediate neighbour of B.

D. B is an immediate neighbour of C.

20. Is X the wife of Y?

L X's daughter M is the only sister of R. R is the son of Y. The mother of Y has only one grandson, R.

21. Among P, Q, R, S and T, which bag is the lightest?

L P is heavier than Q. R is as heavy as Q. T is lighter than R.

D. S is lighter than Q but heavier than T.

**Directions (Q. 22-28): In each question below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all I the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer**

- 1) if only conclusion I follows.
- 2) if only conclusion II follows.
- 3) if either conclusion I or conclusion II follows.
- 4) if neither conclusion I nor conclusion II follows.
- 5) if both conclusion I and conclusion II follow.

**(22-23): Statements:**

Some stars are moons. All moons are planets.  
No planet is a universe.

**22 Conclusions:**

L All moons being stars is a possibility.  
TL No universe is a star.

**23 Conclusions:**

L At least some planets are stars.  
H. No moon is a universe.

**(24-25): Statements:**

All sticks are plants. All plants are insects.  
All insects are amphibians.

**24 Conclusions:**

I. At least some amphibians are plants.  
II All sticks are insects.

25. **Conclusions:**  
 L All amphibians are sticks.  
 U. All plants are amphibians.
- (26 - 28): **Statements:**  
 All apartments are huts.  
 No hut is a building.  
 All buildings are cottages.
26. **Conclusions:**  
 L No cottage is an apartment.  
 DL Some cottages are apartments.
27. **Conclusions:**  
 L No apartment is a cottage.  
 IL Some buildings being apartments is a possibility.
28. **Conclusions:**  
 L Some cottages being apartments is a possibility.  
 U. No cottage is a hut.
- Directions (Q. 29-36): Read the following information carefully and answer the questions which follow.**  
 A, B, C, D, E, F, G and H study in different classes, viz 1 st, 2nd, 3rd, 4th, 5th, 6th, 7th and 8th. AU of them are sitting around a circular table facing the centre.  
 C sits third to the right of H. H studies in class 8. F sits second to left of E. E is not an immediate neighbour of either C or H. The one who studies in class 1 is an immediate neighbour of E. Three people sit between H and the student of class 7.  
 H, C and their immediate neighbours do not study in class 2. Only one person sits between the student of class 2 and G. Students of class 3 and 4 are immediate neighbours of each other. C is neither in class 4 nor in class 3. Only one person sits between A and the student of class 5. A does not study in class 2 or 3. B does not study in class 2.
29. Which of the following is true regarding F?  
 1) F studies in class 5.  
 2) D and G are immediate neighbours of F.  
 3) One person sits between F and the student of class 4.  
 4) F sits second to the right of A.  
 5) None is true
30. Who among the following studies in class 3?  
 1)C 2)F 3)G 4)B 5) Cannot be determined
31. How many persons sit between D and the student of class 4 when counted from the left hand side of the student of class 4?  
 1)None 2)One 3)Two 4)Three 5)Four
32. Which of the following is true?  
 1) Only one person is sitting between the student of class 4 and that of class 6.  
 2) D studies in class 2.  
 3) The one studying in class 3 is an immediate neighbour of H.  
 4) One person sits between H and the student of class 2.  
 5) None is true
33. Who among the following represents immediate neighbours of G?  
 1)A and B  
 2) E and the student of class 2  
 3) H and the student of class 6  
 4)E and F  
 5)A and D
- Directions (Q. 34 - 35): Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?**
34. 1)BAH 2)EDG 3)CBF 4)HGA 5)DFE  
 35. 1)ED 2)FC 3)AH 4)EG 5)CB
36. What will come in place of question mark in the following series?  
 G D B E ?  
 1)E 2)F 3)C 4)H 5)A
- Directions (Q. 37-38): Four of the following five are alike in a certain way and hence form a group. Which is the one that does not belong to that group?**
37. 1)Asia 2)Antarctica 3)Africa  
 4)Alaska 5) Australia  
 38. 1)Trophy 2)Medal 3) Certificate  
 4)Gift 5)Prize
- Directions (Q. 39-41): Four of the following five are alike in a certain way based upon the order in which these appear in the English alphabetical series and hence form a group. Which is the one that does not belong to that group?**
39. 1)MPQO 2)DGHF 3)RUTV  
 4)VYZX 5)JMNL  
 40. 1)AMCL 2)WTVK 3)GVIU  
 4)XDZC 5)HRJQ  
 41. 1)AZMN 2)BYEF 3)CXUV  
 4)FUND 5)JRDV
42. **Read the following information carefully and answer the question that follows.**  
 One of the main reasons behind the lack of applicants for teachers' training/degree programmes is that teachers have not experienced any improvement in working conditions and their salaries have not kept pace with salaries in other professions.  
 Which of the following can be inferred from the given paragraph?  
 1) Very tough entrance exam is also one of main reasons behind plunging number of applicants for teachers' training programmes.  
 2) In the years to come, the schools would face a crunch in terms of availability of qualified teachers.  
 3) Training programmes for other professions are also as good as teachers' training programmes.  
 4) The number of applicants for teachers' training programmes will improve if the salaries in other professions are reduced.  
 5) No direct relationship can be established between the work conditions of a particular profession and preference for it among the qualified candidates.
43. **Read the following information carefully and answer the question which follows.**  
 Get more involved in our real world. Food inflation is a fantastic way to teach our children mathematics. Try having

your child plot a graph of how incomes have grown in India for different jobs between, say, 1950 and today (Engineer, Doctor, Maid, Driver). Have them plot how costs have grown in the same period; it will be a fun exercise. By the time they finish the exercise, not only will your children learn a lot, but likely you too will realise that while our incomes have zoomed 300 times in this period, salaries of maids have probably gone up only 50 times and costs have gone up 100 times. Your maid still has a seven-day week, with no paid vacation or casual leaves. And realising just how lucky we are is often the first step towards serious philanthropy. All the following can be inferred from the above except that

- 1) real-world problems are a good way to understand other subjects as well as have appreciation for the real-world problem.
- 2) food inflation has affected very differently different professionals over the years.
- 3) though there are huge salary differences for all the jobs/professions, the increase has at least not been less than the rate of inflation over a longer period of time.
- 4) when we realise that we have been lucky, we tend to think about philanthropy and helping those who have not been so lucky.
- 5) not only children, even the parents and other adults need to understand and sensitise themselves about the inequality.

**Directions (Q. 44-46): Read the following information carefully and answer the questions which follow:**

'A x B' means 'A is the father of B'.  
 'A + B' means 'A is the wife of B'.  
 'A - B' means 'A is the daughter of B'.  
 'A - B' means 'A is the son of B'.

44. How is L related to Q in the expression 'L T M x R - P T Q' ?  
 1) Granddaughter 2) Niece  
 3) Daughter-in-law 4) Daughter  
 5) Cannot be determined
45. What will come in place of question mark to establish that 'Q is the nephew of T' in the expression 'Q ? R + S x T' ?  
 1) + 2) x 3) - 4) - 5) Either + or x
46. Which of the following is true based upon the given equation? 'A - B x C + D - E'  
 1) C is the mother of A. 2) E is the wife of B.  
 3) D is the brother of A. 4) E is the mother-in-law of C.  
 5) None is true
47. Which of the following symbols should replace the question mark in the given expression in order to make the expressions 'I > L' as well as 'M > K' definitely true? I > J > K ? L < N = M  
 1) > 2) < 3) < 4) = 5) Either < or <
48. Which of the following symbols should be placed in the blank spaces (in the same order from left to right) in order to complete the given expression in such a manner

that 'S > P' definitely holds true but 'S - P' does not hold true?

- P \_\_\_\_\_ Q \_\_\_\_\_ R \_\_\_\_\_ S  
 1) >, >, > 2) <=, < 3) >, <, <  
 4) <, < < 5) None of these

**Directions (Q. 49-55): Study the following information carefully and answer the given questions.**

Seven lectures are scheduled to be held in a week, There is only one lecture each on of the seven days of the week, starting from Monday and ending on Sunday.

Chemistry is taught either on Wednesday or on Saturday. Three lectures are scheduled to be held between Chemistry and English. Two lectures are scheduled to be held between English and Computer. Lecture on Physics is scheduled on the day which is immediately next to the day when lecture on Biology is scheduled. Lecture on Psychology is scheduled to be held after Mathematics (not necessarily immediately after Mathematics). Lecture on Psychology is not scheduled for either Saturday or Sunday.

49. Which of the following lectures is scheduled on Thursday?  
 1) Mathematics 2) English 3) Physics  
 4) Biology 5) Computer
50. Which of the following combinations of day-lecture is correct?  
 1) Saturday — Physics 2) Monday — Biology  
 3) Tuesday — English 4) Thursday — English  
 5) Sunday — Computers
51. How many lectures are scheduled between the lecture of Chemistry and that of Physics?  
 1) None 2) One 3) Two 4) Three 5) Five
52. If Chemistry is related to Biology and Psychology is related to Computer in a certain way based upon the given lecture schedule then Biology will be related to which of the following, based upon the same relationship?  
 1) English 2) Mathematics 3) Physics  
 4) Chemistry 5) None of these
53. On which of the following days is the lecture on Psychology scheduled?  
 1) Friday 2) Monday 3) Tuesday  
 4) Thursday 5) None of these
54. Which of the following lectures is/are scheduled to be held between the lectures on Chemistry and Physics?  
 1) No lecture is scheduled between these two lectures.  
 2) Only Computer  
 3) Computer and Psychology  
 4) Computer and Biology  
 5) English and Mathematics
55. How many lectures are scheduled to be held between English and Mathematics?  
 1) None 2) One 3) Two 4) Three 5) Five

**Directions (Q. 56-60): Study the following information and answer the given questions:**

In a certain code, 'more money in market' is written as 'zo li aa to', 'share in market profit' is written as 'vo to je li',

'making more profit now' is written as 'sujezo ka', 'now the market gains' is written as 'do li yo su'.

56. What does 'vo' stand for?  
 1) profit            2) in                    3) share  
 4) market            5) Either in or profit
57. What is the code for 'making'?  
 1) ka   2) su   3) je   4) zo   5) Cannot be determined
58. Which of the following is the code for 'gains'?  
 1) su   2) li   3) yo   4) do   5) Either yo or do
59. Which of the following may be the code for 'the more gains share'?  
 1) doyozovo    2) vowizodo    3) vozowibu  
 4) yo je vo wi   5) su vo zo do
60. 'to ka li aa' is a code for which of the following?  
 1) share more in market  
 2) now share more gains

- 3) the gains in market  
 4) the gains in profit  
 5) making money in market

**Directions (Q. 61-65):** In each of these questions there are two sets of figures. The figures on the left are Problem Figures (four figures and one question-marked space) and those on the right are Answer Figures indicated by numbers 1), 2), 3), 4) and 5). A series is established if one of the five Answer Figures is placed at the "question-marked space". Question Figures form a series if they change from left to right according to some rule. The number of the Answer Figure which should be placed in the question-marked space is the answer. All the five figures, ie four Problem Figures and one Answer Figure placed in the question-marked space, should be considered as forming the series. Study the following questions.

	Problem Figures					Answer Figures				
61.										
62.										
63.										
64.										
65.										

**Directions (Q. 66-75):** In each of the questions given below, which one of the five Answer Figures on the right should come after the Problem Figures on the left, if the sequence were continued?

	Problem Figures					Answer Figures				
66.										
67.										

68. 

△PU◆★	U★A△P	UATP△	T△□UA	T□KAU
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TK●UA	KU●T□	KUAT□	KU●□T	TK□AU
1	2	3	4	5

69. 

★	C	○	★	C
△	T	F	△	◇
T	○	△	C	F

Z	C	Z	F	Z
★	F	★	Z	F
◇	F	◇	C	★
1	2	3	4	5

70. 

V	=	△	U	=	△	U	V	△	U
O	◆	P	○	◆	R	P	□	P	E
R	△	○	R	△	◆	△	□	△	△
U	△	=	V	△	U	△	=	△	V

V	=	V	=	V	=	V	=	△
E	P	Z	P	★	E	Z	★	E
□	T	□	★	T	□	★	T	★
U	△	U	△	U	△	U	△	U
1	2	3	4	5				

71. 

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1	2	3	4	5

72. 

★	△	□	○	★	R	△	△	○	R	C	T
C	△	□	○	R	E	T	△	○	★	△	★
E	○	R	△	★	△	○	★	△	○	★	△

T	C	T	C	T	C	T	C	T	△
E	△	R	E	○	★	△	○	★	△
○	★	□	△	★	△	★	△	★	△
1	2	3	4	5					

73. 

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1	2	3	4	5

74. 

C	△	3	△	C	4	○	4	C	4	○	□	=	□	○
2	3	△	C	4	○	□	=	□	○	4	★	C		
4	1	2	○	□	3	△	=	★	C					

□	=	★	C	□	★	=	□	★	V	=	□	□	=	★
○	4	C	4	=	4	4	★	4	V					
4	C	4	=	4	4	★	4	V						
1	2	3	4	5										

75. 

T	○	△	△	E	T	T	Z	△			T	P	△
R	□	□	□	○	R	R	E	□	△	★	T	R	★
□	□	□	□	□	□	□	□	□	□	□	□	□	□

T	L	△	△	L	T	△	★	T	△	L	T	△	L	□
R	P	□	□	P	R	□	P	R	□	★	R	T	★	R
□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
1	2	3	4	5										

## Test-II: Quantitative Aptitude

Directions (Q. 76-80) : In the following questions two equations numbered I and II are given. You have to solve both the equations and give answer

- 1) If  $x > y$                       2) If  $x \geq y$                       3) If  $x < y$   
 4) If  $x \leq y$   
 5) If  $x = y$  or, the relationship cannot be established

76. I  $\sqrt{1225}x + \sqrt{4900} = 0$

II  $(81)^{\frac{1}{4}}y + (343)^{\frac{1}{5}} = 0$

77. I  $\frac{18}{x^2} + \frac{6}{x} - \frac{12}{x^2} = \frac{8}{x^2}$

II  $y^2 + 9.68 + 5.64 = 16.95$

78. I  $\frac{(2)^5 + (11)^3}{6} = x^3$

II  $4y^3 = -(589 \div 4) + 5y^3$

79. I  $12x^2 + 11x + 12 = 10x^2 + 22x$

II  $13y^2 - 18y + 3 = 9y^2 - 10y$

80. I  $(x^{\frac{7}{2}} + 9) = 169 \div y^{\frac{3}{2}}$

II  $y^{\frac{1}{2}} \times y^{\frac{1}{4}} \times 7 = 273 \div y^{\frac{1}{2}}$

81. The cost of five chairs and three tables is ₹3,110. The cost of one chair is ₹210 less than the cost of one table. What is the cost of two tables and two chairs?

1) ₹1,660                      2) ₹1,860                      3) ₹2,600

4) Cannot be determined                      5) None of these

82. The ratio of the present ages of Ram, Rohan and Raj is 3 : 4 : 5. If the average of their present ages is 28 years

then what would be the sum of the ages of Ram and Rohan together after 5 years?

- 1) 45 years    2) 55 years    3) 52 years  
4) 59 years    5) None of these

83. The total area of a circle and a rectangle is 1166 sq cm. The diameter of the circle is 28 cm. What is the sum of the circumference of the circle and the perimeter of the rectangle if the length of the rectangle is 25 cm?  
1) 186 cm    2) 182 cm    3) 184 cm  
4) Cannot be determined    5) None of these
84. Raman scored 456 marks in an exam and Sita got 54 per cent marks in the same exam, which is 24 marks less than that of Raman. If the minimum pass marks in the exam is 34 per cent, then how many more marks did Raman score than the minimum pass marks?  
1) 184    2) 196    3) 190  
4) 180    5) None of these
85. The smallest angle of a triangle is equal to two-thirds of the smallest angle of a quadrilateral. The ratio of the angles of the quadrilateral is 3 : 4 : 5 : 6. The largest angle of the triangle is twice its smallest angle. What is the sum of the second largest angle of the triangle and the largest angle of the quadrilateral?  
1) 160°    2) 180°    3) 190°    4) 170°    5) None of these
86. A 320-metre-long train moving at an average speed of 120 kmph crosses a platform in 24 seconds. Aman crosses the same platform in 4 minutes. What is the speed of the man in metre/second?  
1) 2.4    2) 1.5    3) 1.6    4) 2.0    5) None of these
87. The simple interest accrued on a certain principal is ₹7,200 in six years at the rate of 12 pcpa. What would be the compound interest accrued on that principal at the rate of 5 pcpa in 2 years?  
1) ₹1,020    2) ₹1,055    3) ₹1,050  
4) ₹1,025    5) None of these
88. The sum of the square of the first number and the cube of the second number together is 568. Also, the square of the second number is 15 less than the square of 8. What is the value of three-fifths of the first number? (assuming both the numbers are positive)  
1) 18    2) 8    3) 9  
4) 16    5) None of these
89. The sum of 8 consecutive odd numbers is 656. Also, the average of four consecutive even numbers is 87. What is the sum of the smallest odd number and the second largest even number?  
1) 165    2) 175    3) 163  
4) Cannot be determined    5) None of these
90. Seema purchased an item for ₹9,600 and sold it at a loss of 5 per cent. From that money she purchased another item and sold it at a gain of 5 per cent. What is her overall gain/loss?  
1) Loss of ₹36    2) Profit of ₹24  
3) Loss of ₹54    4) Profit of ₹36  
5) None of these

**Directions (Q. 91-95): Study the table carefully to answer the questions that follow:**

Candidates who appeared and passed in the test from four schools in six different years.

Year	School							
	A		B		C		D	
	Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed
2004	124	78	445	354	454	343	546	345
2005	234	124	545	435	732	567	565	456
2006	456	>35	664	454	693	456	235	112
2007	<i>m</i>	156	345	144	645	545	546	234
2008	546	346	584	354	354	258	656	564
2009	547	435	704	347	578	313	456	252

91. What was the total number of failed candidates from school C in the year 2008 and the number of candidates who appeared in the exam from school D in the year 2006?  
1) 335    2) 325    3) 322    4) 332    5) None of these
92. In which year was the difference between the number of candidates who appeared and passed in the exam from school B second lowest?  
1) 2004    2) 2005    3) 2006    4) 2007    5) 2008
93. What was the ratio of the number of candidates who appeared from school C in the year 2006 to the number of candidates who passed the exam from school D in the year 2009?  
1) 11:4    2) 11:5    3) 5:11    4) 9:11    5) None of these
94. The number of candidates who passed in the exam from school B in the year 2005 was approximately what per cent of the number of candidates who appeared from school A in the year 2008?  
1) 76    2) 87    3) 90    4) 84    5) 80
95. What was the approximate percentage increase in the number of candidates who passed the exam from school A in the year 2009 as compared to previous year?  
1) 22    2) 39    3) 26    4) 30    5) 34

**Directions (Q. 96-100): What will come in place of the question mark (?) in the following questions?**

96.  $\frac{1}{6}$  of 92% of  $1\frac{1}{23}$  of (650) = 85 + ?  
1) 18    2) 21    3) 19    4) 28    5) None of these
97.  $92 \times 576 \div (2\sqrt{1296}) = (?)^3 + \sqrt{49}$   
1) 3    2) (9)<sup>2</sup>    3) 9    4) 27    5) None of these
98.  $3\frac{1}{4} + 2\frac{1}{2} - 1\frac{5}{6} = \frac{(? )^2}{10} + 1\frac{5}{12}$   
1) 25    2)  $\sqrt{5}$     3) 625    4) 15    5) 5
99.  $(\sqrt{8} \times \sqrt{8})^{\frac{1}{2}} + (9)^{\frac{1}{2}} = (?)^3 + \sqrt{8} - 340$   
1) 7    2) 19    3) 18    4) 9    5) None of these
100.  $(15 \times 0.40)^4 \div (1080 \div 30)^4 \times (27 \times 8)^4 = (3 \times 2)^{? + 5}$   
1) 8    2) 3    3) 12    4) 16    5) None of these

**Directions (Q. 101 - 105):** What approximate value will come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value.)

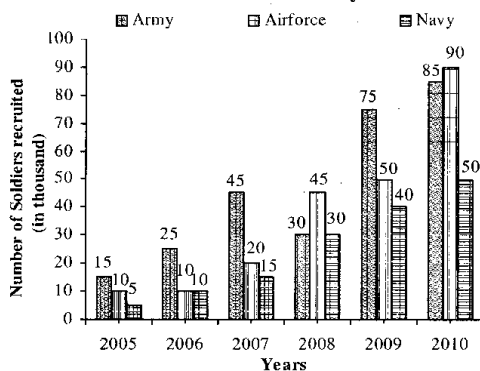
101.  $\left(\frac{24}{9}\right)^2 \times \frac{399}{39} \div \frac{41}{899} = ?$   
 1) 1600      2) 1650      3) 1700  
 4) 1550      5) 1750
102. 67.99% of 1401 - 13.99% of 1299 = ?  
 1) 700      2) 720      3) 770  
 4) 800      5) 740
103.  $5466.97 - 3245.01 + 1122.99 = ? + 2309.99$   
 1) 1130      2) 1000      3) 1100  
 4) 1030      5) 1060
104.  $5998 \div 9.98 + 670.99 - 139.99 = ?$   
 1) 1080      2) 1280      3) 1180  
 4) 1130      5) 1230
105.  $-(4.99)^2 + (29.98)^2 - (3.01)^4 = ?$   
 1) 550      2) 590      3) 620  
 4) 650      5) 690

**Directions (Q. 106-110):** What will come in place of the question mark (?) in the following number series?

106. 1 7 49 343 (?)  
 1) 16807      2) 1227      3) 2058  
 4) 2401      5) None of these
107. 13 20 39 78 145 (?)  
 1) 234      2) 244      3) 236  
 4) 248      5) None of these
108. 12 35 81 173 357 (?)  
 1) 725      2) 715      3) 726  
 4) 736      5) None of these
109. 3 100 297 594 991 (?)  
 1) 1489      2) 1479      3) 1478  
 4) 1498      5) None of these
110. 112 119 140 175 224 (?)  
 1) 277      2) 276      3) 287      4) 266      5) None of these

**Directions (Q. 111-115):** Study the following graph carefully to answer the questions that follow:

**Number of soldiers recruited (in thousand) in three different forces in six different years**

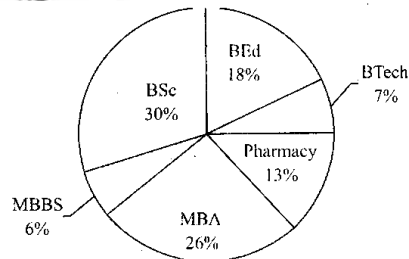


111. What was the average number of soldiers recruited in the Navy over all the years together?  
 1) 25,000      2) 24,000      3) 2,400  
 4) 28,000      5) None of these
112. The number of soldiers recruited in Navy in the year 2009 was what percentage of the soldiers recruited in Army in the year 2006?  
 1) 140      2) 150      3) 160      4) 180      5) None of these
113. If 30 per cent of soldiers recruited in Air Force in the year 2010 were females then what is the number of males recruited in Air Force in that year?  
 1) 63,000      2) 6,300      3) 61,000  
 4) 6,100      5) None of these
114. What was the ratio of the number of soldiers recruited Air in Force in the year 2005 to the number of soldiers recruited in Army in the year 2009?  
 1) 2:15      2) 5:13      3) 2:17      4) 15:4      5) None of these
115. What was approximate percentage decrease in the number of soldiers recruited in Army in the year 2008 as compared to the previous year?  
 1) 20      2) 23      3) 38      4) 30      5) 33

**Directions (Q. 116-120):** Study the following Pie-chart carefully to answer these questions.

Total Students = 6500

**Percentage distribution of Students in different courses**



116. What is the value of half of the difference between the number of students in MBA and that in MBBS?  
 1) 800      2) 1600      3) 1300  
 4) 650      5) None of these
117. What percentage (approximately) of students is in MBA as compared to students in BEd?  
 1) 49      2) 53      3) 59      4) 41      5) 44
118. What is the total number of students in BEd, Pharmacy and MBBS together?  
 1) 2465      2) 2565      3) 2405  
 4) 2504      5) None of these
119. What is the ratio of the number of students in Pharmacy to the number of students in BTech?  
 1) 11:13      2) 13:6      3) 13:7  
 4) 6:13      5) None of these
120. The number of students in BSc is approximately what percentage of the number of students in BEd?  
 1) 167      2) 162      3) 157  
 4) 153      5) 150



**Directions (Q. 121-125): Study the following table carefully to answer the questions that follow:**

**A niou 111 earned (in lacs) by five persons in six different years**

Year	Person				
	A	B	C	D	E
2005	2.24	4.33	5.64	3.73	1.69
2006	1.44	3.34	6.93	5.52	5.52
2007	4.63	2.79	7.52	5.68	4.28
2008	6.65	6.63	5.83	6.74	6.83
2009	5.34	4.50	5.94	8.42	5.53
2010	7.38	5.36	7.84	9.45	9.94

121. What was the average of the earning of Person B in the year 2006, that of Person C in the year 2008 and that of E in the year 2005 together?  
 1) ₹3.62 lac    2) ₹2.64 lac    3) ₹3.64 lac  
 4) ₹ 10.86 lac    5) None of these
122. What was the ratio of the amount earned by Person B in the year 2007 to that by Person D in the year 2010?  
 1) 32:107    2) 31:105    3) 29:107  
 4) 32:105    5) None of these
123. What is the approximate percentage increase in the amount earned by Person D in the year 2010 as compared to the previous year?  
 1) 7    2) 21    3) 18    4) 15    5) 12
124. Whose earning increased consistently from the year 2005 to the year 2010?  
 1) A    2) B    3) C    4) D    5) E
125. Total amount earned by Person A in the year 2006 and Person C in the year 2010 together was approximately what per cent of the amount earned by Person E in the year 2009?  
 1) 151    2) 155    3) 168    4) 174    5) 162

### Test-III: General Awareness

126. Who amongst the following is the author of the book *Half A Lifel*?  
 1) Mark Tully    2) Deepak Chopra    3) Chetan Bhagat  
 4) Ved Mehta    5) VSNaipaul
127. In which of the following states, village-level marketing platform has been set up for the first time in the country?  
 1) Haryana    2) Maharashtra    3) Gujarat  
 4) Bihar    5) Kerala
128. The RBI has asked banks to spell out their policy, procedures and size of the business on which of the following aspects of banking?  
 1) On-shore banking  
 2) Off-shore banking  
 3) Investments in secondary market  
 4) Wealth management  
 5) None of these
129. Which of the following organizations has given a US\$ 1.72-billion loan to India to build roads in rural areas?  
 1) Asian Development Bank  
 2) International Monetary Fund  
 3) Bill Gates Foundation USA  
 4) World Bank  
 5) None of these
130. Which of the following pieces of advice has been given by Finance Minister Pranab Mukherjee to Chartered Accountants?  
 1) They must highlight the credit risks.  
 2) They must highlight the operational risks.  
 3) They must bring to the notice of Government tax evasions.  
 4) They must be vigilant against "window dressing" of companies.  
 5) None of these
131. Who amongst the following has asked banks to adopt 'six step' approach to prevent diversion of funds by the companies?  
 1) Company Registrar    2) SEBI  
 3) RBI    4) AMFI  
 5) All of these
132. Which of the following countries has been invited to join BRIC?  
 1) Indonesia    2) Bangladesh    3) South Africa  
 4) China    5) Argentina
133. Who is Nicolas Sarkozy?  
 1) French Prime Minister    2) French President  
 3) Russian Prime Minister    4) Russian President  
 5) None of these
134. Through which of the following sources domestic funds are raised by companies?  
 (A) IPO  
 (B) FPO  
 (C) Commercial papers  
 1) Only (C)    2) All (A), (B) and (C)  
 3) Only (A) and (C)    4) Only (A)  
 5) Only (A) and (B)
135. Which of the following was the reason owing to which Govt wants Reserve Bank of India to tighten prudential norms for NBFCs?  
 1) To reduce liquidity in the market  
 2) It is as per Basel II requirements.  
 3) It is as per Bank for International Settlement (BIS) directives.  
 4) It is to protect NBFCs from any impact of possible economic slowdown.  
 5) None of these
136. According to World Economic Forum, which of the following risks is the greatest risk faced by the world in the year 2011?  
 1) Credit Risk  
 2) Country Risk  
 3) Counterparty Risk  
 4) Sovereign Default Risk  
 5) None of these

137. Which of the following decisions has been taken by Govt in respect of MGNREGA ?
- 1) The wages should be revised by the State Governments
  - 2) The wages are to be revised by the Planning Commission.
  - 3) The District Authorities who allot work can give differential wages.
  - 4) The wages shall be linked to inflation.
  - 5) None of these
138. For which of the following States has Centre appointed interlocutors?
- 1) HP                      2) J&K                      3) Nagaland
  - 4) Manipur                5) None of these
139. Expand the term GSLV.
- 1) Geosynchronous Satellite Launch Vehicle
  - 2) Global Satellite Launch vehicle
  - 3) Geosynchronous Station Launch Vehicle
  - 4) Global Station Launch Vehicle
  - 5) None of these
140. For which of the following reasons are Basel II norms to be followed by Commercial Banks?
- 1) Risk management
  - 2) Adoption of international accounting standards
  - 3) Restriction on bonus payments to bank executives
  - 4) Transparency in disclosures
  - 5) None of these
141. With which of the following sports is the name of Parupalli Kashyap associated?
- 1) Chess                  2) Tennis                  3) Badminton
  - 4) Athletics              5) None of these
142. Which of the following terms is used in cricket?
- 1) Centre forward      2) Goal                    3) Love
  - 4) LBW                    5) Bull's eye
143. With which one of the following activities Golden Globe Awards are associated?
- 1) Journalism            2) Social work            3) Peace initiatives
  - 4) Films                    5) None of these
144. *Goodbye Shahzadi* is a book written by
- 1) Shyam Bhatia            2) Ashok Mehta
  - 3) Janardan Thakur        4) Arun Gandhi
  - 5) None of these
145. Malayalam writer Akkithom Achyuthan Namboodiri will be the recipient of which of the following awards?
- 1) Moortidevi Award      2) Pulitzer Prize
  - 3) Best Asian Author      4) Kalidas Samman
  - 5) Arjuna Award
146. With which one of the following sports Narain Karthikeyan is connected?
- 1) F-1                      2) Tennis                    3) Badminton
  - 4) Table Tennis          5) Snooker
147. In which of the following States is Sabarimala temple located?
- 1) Tamil Nadu            2) Andhra Pradesh        3) Kerala
  - 4) Karnataka             5) None of these
148. Which one of the following will set up core banking infrastructure for rural banks?
- 1) RBI                      2) NABARD                3) SIDBI
  - 4) ISA                      5) None of these
149. Who is Robert Zoelick?
- 1) IMF Chief                2) World Bank President
  - 3) ADB President          4) Chief UNIDO
  - 5) None of these
150. Justice KG Balakrishnan is holding the post of \_\_\_\_\_.
- 1) Chief Justice of India
  - 2) Chairman, National Human Rights Commission
  - 3) Cabinet Secretary, Government of India
  - 4) Revenue Secretary, Government of India
  - 5) None of these
151. Mehbooba Mufti belongs to which of the following political parties?
- 1) National Conference    2) PDF
  - 3) NCP                      4) Janta Dal
  - 5) None of these
152. Trade Ministers of key WTO member countries including India held a meeting at Davos in Switzerland on January 29, 2011. Which of the following was the purpose of this meeting?
- 1) Negotiations for free trade
  - 2) Negotiations to abolish Restrictive Trade Practices
  - 3) Issues relating to agricultural subsidies
  - 4) Negotiations for a global trade deal
  - 5) To include Pakistan and Iraq as members
153. Which one of the following pieces of advice has/have been given by leading Economists to Finance Minister during their pre-budget meeting with him?
- (A) To take measures to boost farm productivity only  
 (B) To improve supply of agricultural products only  
 (C) To reduce the fiscal deficit only
- 1) Only (A)                2) Only (B)                3) Only (C)
  - 4) All (A), (B) and (C)    5) Only (A) and (B)
154. As per recent newspaper reports, which one of the following countries has signed highest number of deals to get global project finance?
- 1) Australia                2) USA                      3) Saudi Arabia
  - 4) Spain                    5) India
155. Which of the following terms is used in Banking Field ?
- 1) Interest Rate Swap      2) Input Devices
  - 3) Sedimentary              4) Zero Hour
  - 5) Privilege Motion
156. To which of the following States has the Asian Development Bank given a loan of \$90 m for development of Power projects?
- 1) Himachal Pradesh      2) West Bengal
  - 3) Tripura                    4) Arunachal Pradesh
  - 5) Assam
157. On which of the following issues can SEBI penalize any company in India?
- (A) Violation of Banking Regulation Act  
 (B) Violation of foreign portfolio investment guidelines

- (C) Violation of Negotiable Instrument Act  
 1) Only (A)                      2) All (A), (B) and (C)  
 3) Only (A) and (B)            4) Only (B) and (C)  
 5) Only (B)
158. In the opinion of the Governor of Reserve Bank of India, which of the following is the reason owing to which India's inflation is accelerating?  
 1) Excess liquidity in market  
 2) Speculation in essential goods  
 3) Higher food cost  
 4) Commodities futures  
 5) None of these
159. In the opinion of the RBI, which of the following is/are a threat to the smooth functioning of Indian Companies?  
 (A) Rising input costs  
 (B) High interest rates  
 (C) Inflation only  
 1) Only (A)    2) Only (B)                      3) Only (A) and (B)  
 4) Only (C)    5) All (A), (B) and (C)
160. For which of the following reasons Government of India has decided to waive off upfront payment of ₹1,400 to be made by each customer located in rural areas to get LPG connection?  
 (A) To help villagers use LPG in place of firewood/kerosene  
 (B) To help villagers save kerosene for agricultural activities  
 (C) To lure villagers to use LPG which is of substandard quality and not fit for industrial use  
 1) Only (A)    2) Only (B)                      3) Only (C)  
 4) Only (A) and (B)                      5) Only (B) and (C)
161. Expand the term ALM as used in Banking/Finance sector.  
 1) Asset Liability Mismatch  
 2) Asset Liability Maturity  
 3) Asset Liability Management  
 4) Asset Liability Manpower  
 5) None of these
162. What are teaser loan rates charged by banks?  
 1) Fixed rate of interest charged by banks  
 2) Floating rate of interest charged by banks  
 3) Rate of interest in the initial period is less and goes up subsequently.  
 4) Rate of interest in the initial period is more and it goes down subsequently.  
 5) None of these
163. On which one of the following subjects has Pranab Sen Committee submitted its recommendations to the Govt of India?  
 1) MGNREGA                      2) Food Security  
 3) Inflation                          4) Food processing industries  
 5) None of these
164. Expand the term CCEA as used in administrative circles.  
 1) Cabinet Committee on External Affairs  
 2) Cabinet Committee on Economic Affairs  
 3) Cabinet Council on External Affairs  
 4) Cabinet Council on Economic Affairs  
 5) None of these
165. With which of the following games is Baichung Bhutia associated?  
 1) Hockey                      2) Golf                      3) Kabaddi  
 4) Football                      5) Tennis
166. What is the full form of the term LIBOR as used in financial/banking sector?  
 1) Local Indian Bank Offered Rate  
 2) London-India Bureau of Regulations  
 3) Liberal International Bank Official Ratio  
 4) London Inter Bank Offered Rate  
 5) None of these
167. In which of the following States, is Patratu Thermal Power Plant?  
 1) Madhya Pradesh                      2) Bihar  
 3) Jharkhand                      4) West Bengal  
 5) Kerala
168. On the basis of which of the following reasons, IMF has projected India's GDP growth at 8.8 per cent in 2010-11?  
 (A) Strong industrial growth  
 (B) Strong farm sector growth  
 (C) High domestic consumption demand  
 1) Only (A)    2) Only (B)                      3) Only (C)  
 4) Only (A) and (C)                      5) Only (B) and (C)
169. Who amongst the following is the ICC Cricketer of the Year?  
 1) Sachin Tendulkar                      2) Kevin Pietersen  
 3) MS Dhoni                      4) Sanath Jayasuriya  
 5) None of these
170. Who is Montek Singh Ahluwalia?  
 1) Chairman, Planning Commission  
 2) Dy Chairman, Planning Commission  
 3) Commerce Secretary, GOI  
 4) Economic Advisor to Prime Minister  
 5) None of these
171. Who amongst the following is the Prime Minister of Australia at present?  
 1) Julia Gillard    2) Kevin Rudd    3) Dilma Rousseff  
 4) Sebastian Vettel                      5) None of these
172. Expand the term FSDC, which is used in financial sector.  
 1) Financial Security and Development Council  
 2) Financial Stability and Development Council  
 3) Fiscal Security and Development Council  
 4) Fiscal Stability and Development Council  
 5) None of these
173. According to US Department of Agriculture, which of the following countries in the world is the largest producer of dairy products?  
 1) Australia    2) USA                      3) China  
 4) Norway    5) India
174. With which of the following games is Tiger Woods associated?  
 1) Golf                      2) Swimming    3) Tennis  
 4) Table Tennis    5) Badminton

175. Which of the following is the largest producer of power in India?
- 1) Reliance Power
  - 2) Tata Power
  - 3) National Hydro Power
  - 4) Adani Power
  - 5) NTPC

## Test-V: English Language

**Directions (Q. 176-190): Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.**

It was in the offing. With shortages mounting across the board for water as they are for energy, it was only **inevitable** that the Central government would be stirred into starting a Bureau of Water Efficiency (BWE), much like the Bureau of Energy Efficiency (BEE) that was launched some years ago.

Early reports suggest that the draft norms for various sectors consuming water will be created by the BWE soon. The alarm bells have been ringing for some years now. Water availability per capita in India has fallen from about 5 million litres in the 1950s to 1.3 million litres in 2010—that's a **staggering** 75 per cent drop in 50 years. Nearly 60 per cent of India's aquifers have slumped to critical levels in just the last 15 years. Thanks to the rate at which borewells are being plugged in every city with no law to ban such extraction, groundwater tables have depleted alarmingly.

The BEE's efforts in the last seven years have only been **cosmetic**. The bureau has looked at efficiency rating systems for white goods in the domestic sector and has not paid attention to the massive consumption of energy in metals manufacture, paper and textiles. These sectors are very **intense** in both energy and water consumption. But very little attention has been paid to the water and energy used per tonne of steel or cement or aluminium that we buy, and without significant changes in these areas, the overall situation is unlikely to change.

Use of water is inextricably interlinked with energy. One does not exist without the other. The BWE should steer clear of the early mistakes of BEE—of focusing on the 'softer targets' in the domestic sector. Nearly 80 per cent of fresh water is used by agriculture, with industry coming a close second. The domestic sector's consumption of fresh water is in single digit. So, the BWE's priority should be to look at measures that will get farmers and industrialists to follow good practices in water use. Water resources have to be made, by law, an indivisible national asset. The protection and withdrawal of this resource as well as its sustainable development are of general importance and, therefore, in the public interest. This will mean that individuals and organisations may own land but not water or the other resources that lie below the first 20 metres of the surface of those lands. Drilling of borewells into such 'national assets' will have to be banned, or at the very least they must be regulated. What would be more sensible for the new water

bureau to do would be to look at some of the **low-hanging fruits that can be plucked, and pretty quickly**, with laws that can emanate from the Centre, without the risk of either dilution or inaction from state administrations. The other **tactical** approach that the BWE can adopt is to devise a policy that addresses the serious water challenge in industry segments across a swathe of companies: this will be easier than taking on the more disparate domestic sector which hurts the water crisis less than industry. Implementing a law is more feasible when the concentration is dense and identifiable. Industry offers this advantage more than the domestic or the commercial sector of hotels and offices.

As for agriculture, though the country's water requirement is as high as 80 per cent, the growing of water within the loop in agriculture de-risks the challenge of any perceived deficit. Rice and wheat, sugarcane are crops that need water-logging, which ensures groundwater restoration. Surface water evaporation doesn't amount to any more than 7-8 per cent and only strengthens precipitation and rainfall. Agriculture and water need is not quite as much a threat as industry and domestic sectors that account for the rest of the 20 per cent.

The primary challenge in industry and the building sector is that no **conscious** legal measures have been enacted that stipulate 'growing your own water' with measures that will 'put all water in a loop' in any residential or commercial building. This involves treating all used water to a grade that it can be 'upcycled' for use in flush tanks and for gardens across all our cities with the polluter owning the responsibility for treating and for reuse. The drop in fresh water demand can be **dramatic** with such upcycle, reuse and recycle of treated water. Water by itself, in industry and the domestic sector, is not as much a challenge as pollution of water. Not enough measures exist yet to ensure that such polluters shift the water back for reuse. If legislation can ensure that water is treated and reused for specific purposes within industry as well as in the domestic sector, this will make all the difference to the crisis on fresh water.

So is the case in industry, especially in, sectors like textiles, aluminium and steel. Agriculture offers us the amusing irony of the educated urbanites dependent on cereals like rice and wheat that consume 4000 litres of water for every kilogramme, while the farmer lives on the more nutritious millets that consume less than half the quantity. Sugarcane consumes as much as 12,000 litres of water for a kilo of cane that you buy!

A listing of such correlations of water used by every product that we use in our daily lives will make much better sense than any elaborate rating system from the newly formed BWE. Such sensitising with concerted awareness campaigns that the new Bureau drives will impact the urban consumer more than all the research findings that experts can present. What is important for us is to understand the life-cycle impact in a way that we see the connect between a product that we use and the resources it utilises up to the point where we

bring the visible connect to destruction of natural resources of our ecosystems.

176. How, according to the author, can the bureau sensitise the urban consumer about careful utilisation of water?

- 1) By encouraging them to consume more rice instead of millets daily and, thereby, reduce the amount of water consumption
- 2) By providing them more insight into the water consumption cycle of the textile, aluminium and steel industries
- 3) By making them aware of the linkages between water consumption for daily activities and the resource utilization and subsequent ecological destruction associated with it
- 4) By publishing research findings of experts in popular media whereby people gain awareness on the impact of water misuse
- 5) By conducting elaborate drives which notify the urban population about the penalties levied on misuse of water resources

177. Why, according to the author, is the water consumption for agricultural activities the least risky?

- 1) The proportion of water consumed for agricultural activities is much less as compared to that consumed for domestic and industrial purposes.
- 2) Most farmers are aware of the popular methods of water conservation and hence do not allow wastage of water.
- 3) Water is fairly recycled through groundwater restoration due to water-logging and surface water evaporation.
- 4) Farmers in India mostly cultivate crops that require less amount of water.
- 5) None of these

178. Which of the following is possibly the most appropriate title for the passage?

- 1) Water Challenges in the New Millennium
- 2) The Bureau of Water Efficiency vs the Bureau of Energy Efficiency
- 3) Unchecked Urban Consumption of Water
- 4) Challenges of the Agricultural Sector and Water Resources
- 5) The Route to Conservation of Water Resources

179. What does 'low-hanging fruits that can be plucked, and pretty quickly' mean in the context of the passage?

- 1) The bureau should employ the cheapest methods possible to effectively control the current situation of improper usage of water resources.
- 2) The bureau should target the industrial sector as well as the domestic sector to reduce water wastage.
- 3) The bureau should target the agricultural sector only for producing quick results in reducing wastage of water.
- 4) The bureau should ensure that all the state officials concerned with the measures are actively involved.

5) The bureau should start with adopting measures which are simple to execute and produce immediate results in reducing water wastage.

180. Which of the following, according to the author, is/are the indication/s of a water crisis?

- (A) Many agrarian areas in the country are facing a drought-like situation.
  - (B) Almost three-fifths of the naturally available water has been reduced to a very critical level in a relatively short span of time.
  - (C) There has been a significant drop in the availability of water over the past fifty years.
- 1) Only (B)
  - 2) Only (A) and (C)
  - 3) Only (C)
  - 4) Only (B) and (C)
  - 5) All (A), (B) and (C)

181. The author suggests that the Bureau of Water Efficiency devise a strategy or make laws to meet water challenges in the industrial segment rather than in the domestic segment because

- 1) the industrial sector is the only one that is in a position to reduce its water consumption by a significant margin.
- 2) there is comparatively less serious water misuse in the domestic sector.
- 3) it would be easy to identify the consumption patterns in the industrial sector because of its density and visibility.
- 4) the industrial sector would be capable of paying the fines levied by the Bureau for water misuse whereas the domestic sector would be in no such position.
- 5) the industrial sector would be easier to manage in terms of making them understand the importance of water conservation.

182. Which of the following, according to the author, is/are the step/s that the Bureau of Water Efficiency can take to ensure proper utilisation of water resources?

- (A) Put in place measures that ensure proper water usage
  - (B) Concentrate on the water consumption patterns of the domestic sector alone
  - (C) Monitor carefully the activity of digging borewells
- 1) Only (A) and (C)
  - 2) Only (A) and (B)
  - 3) Only (A)
  - 4) Only (B) and (C)
  - 5) All (A), (B) and (C)

183. Which of the following is true about the Bureau of Energy Efficiency in the context of the passage?

- (A) It failed to pay adequate attention to industries like metal, and textiles in terms of energy consumption.
  - (B) It focused on rating systems for efficient use of goods in the domestic sector.
  - (C) It mostly focused on the energy consumption in the domestic sector.
- 1) Only (A) and (C)
  - 2) Only (A) and (B)
  - 3) Only (A)
  - 4) Only (B) and (C)
  - 5) All (A), (B) and (C)

**Directions (Q. 184-187): Choose the word which is most similar in meaning as the word printed in bold as used in the passage.**

184. **Cosmetic**  
1) Enhance 2) Beauty 3) Augmentative  
4) Superficial 5) Aesthetic
185. **Staggering**  
1) Weaving 2) Astounding 3) Lurching  
4) Stumbling 5) Unsteady
186. **Conscious**  
1) Unknown 2) Mindful 3) Self-aware  
4) Awake 5) Alert
187. **Drainatic**  
1) Remarkable 2) Moving 3) Theatrical  
4) Histrionic 5) Staged

**Directions (Q. 188-190): Choose the word which is in MOST OPPOSITE in meaning of the word printed in BOLD as used in the passage.**

188. **Intense**  
1) Smooth 2) Serious 3) Low  
4) Diluted 5) Jovial
189. **Tactical**  
1) unplanned 2) uniform 3) devious  
4) premeditated 5) deformed
190. **inevitable**  
1) Certain 2) Unforeseeable 3) Unavoidable  
4) Inescapable 5) Predictable

**Directions (Q. 191-195): Rearrange the following seven sentences (A), (B), (C), (D), (E), (F) and (G) in the proper sequence to form a meaningful paragraph; then answer the questions given below.**

- (A) But seriously, how much would you pay to know what thoughts are swimming around in someone else's head?
- (B) In most fictional movies, thus, the idea of reading minds—of seeing the private intentions of another, and the possibility of intervening in those plans — has always been highly attractive.
- (C) Such fantastic questions have long been the bread and butter of fiction.
- (D) Today, more than four centuries since the phrase, "A penny for your thoughts?", was first recorded, inflationary accounting makes that ancient penny was worth more than \$40.
- (E) The going rate for a "thought"—a probe into the thinking of another—was once quite a bargain.
- (F) And if you could really know their truthfulness, how much more would you pay?
- (G) Even with the sliding value of the dollar, this still seems quite a bargain.
191. Which of the following should be the **SECOND** sentence after rearrangement?  
1)F 2)D 3)C 4)G 5)B
192. Which of the following should be the **FOURTH** sentence after rearrangement?

- 1)A 2)B 3)G 4)D 5)F
193. Which of the following should be the **SIXTH** sentence after rearrangement?  
1)F 2)G 3)C 4)B 5)A
194. Which of the following should be the **SEVENTH (Last)** sentence after rearrangement?  
1)A 2)B 3)C 4)D 5)E
195. Which of the following should be the **FIRST** sentence after rearrangement?  
1)A 2)B 3)C 4)D 5)E

**Directions (Q. 196-206): In the following passage, there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.**

The economics of owning and running a Ration Shop, the familiar name for the outlets in our Public Distribution System (PDS), are such that under normal business terms, the shop-owner could never make a profit. Yet, (196) the government announces that new permits for ration shops will be given out, there is frenzy in the market to grab one of these. (197)? The answer is obvious: the business is not for the honest and if one knows the (198), there is a fortune to be made. What are these tricks of the trade?

Getting fake names into the user list is the most obvious option; the State seems to be (199) a losing battle against this practice, judging by the endless efforts to weed out bogus ration cards.

The next is to get the 'right customers' on the list, not just more customers. These are people who are registered but who do not have any interest in (200) on their entitlements. In a system where caste and income certificates are for sale, it is not (201) to 'produce' these documents for mutual benefit. Receipts are duly made in their names and the rations thus 'drawn' are (202) off into the open market. The sale price of an item like rice makes clear the (203) economics—it costs ₹8 in a ration shop while in the latter it is ₹30 or above. There are also customers who would rather exchange their entitlements for hard cash at the beginning of the month.

As the degradation progresses, the shopkeeper, in (204) with the official machinery, manages to withhold effectively the entitlements from even the genuine beneficiaries and diverts them to the open market. The targeted group is usually not in a position to (205) itself to get its due.

And thus one has all (206) of a good PDS business.

196. 1) whenever 2) quickly 3) just  
4) as soon 5) time
197. 1) What 2) When 3) Where  
4) Why 5) How
198. 1) lying 2) people 3) sprouting  
4) hard work 5) ropes
199. 1) attempt 2) waging 3) winning  
4) expecting 5) trying
200. 1) harping 2) discussing 3) realising  
4) drawing 5) giving

201. 1) easy                    2) must                    3) difficult  
       4) simple                   5) enough
202. 1) sell                    2) borrowed              3) donated  
       4) bought                   5) siphoned
203. 1) understood          2) poor                    3) underlying  
       4) mechanical              5) unclear
204. 1) meeting               2) collusion               3) flow  
       4) show                    5) line
205. 1) ask                    2) voiced                  3) assert  
       4) deliver                  3) willful
206. 1) things                2) ingredients            3) dictate  
       4) components            5) facet

**Directions (Q. 207-210): Which of the words/phrases 1), 2), 3) and 4) given below each sentence should replace the word/phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark 5) as the answer.**

207. A lot of time we hear from actors that they regret the kind of roles they have been doing all this while, but this actor says he **has never** any regrets.  
 1) never has have            2) have never had  
 3) has no                      4) has had  
 5) No correction required
208. The actress participated in the event **whole-hearted**, cheered the participants, danced with them and emphasised on the importance of creating awareness for oral care across the country.  
 1) whole-heartedly          2) whole-heart  
 3) with whole heart         4) wholly-hearted  
 5) No correction required
209. **Although** complete treatment of cancer is beyond the reach of the underprivileged but no child should lose his life for want of funds.  
 1) Though                    2) As                        3) The  
 4) Since                      5) No correction required
210. Slated to begin this year, the league could provide a **so-needed** boost to hockey in India.  
 1) so-needful                2) much-needy  
 3) much-need                4) much-needed  
 5) No correction required

**Directions (Q. 211 - 215): Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.**

211. Much of the \_\_\_\_\_ that cricket has is due to the fact it is a \_\_\_\_\_ sport.  
 1) lure, lucrative            2) criticism, controversial  
 3) attraction, unpopular    4) flak, great  
 5) comments, unusual
212. Since foggy weather \_\_\_\_\_ visibility by several metres, the railways has either partially \_\_\_\_\_ or diverted some of the trains.  
 1) improves, started        2) impairs, called off  
 3) hampers, withdrawn     4) decrease, stopped  
 5) reduces, cancelled

213. The once \_\_\_\_\_ district is gradually being \_\_\_\_\_ of its green cover.  
 1) remote, eroded            2) arid, replenished  
 3) beautiful, devoid        4) picturesque, depleted  
 5) lush, rob
214. The pilot knew she would be able to see the \_\_\_\_\_ lights of the city from her cockpit window, but she would not see the fireworks explode to welcome the new year as she would have \_\_\_\_\_ to cruising altitude.  
 1) few, soared                2) divine, escalate  
 3) glistening, jumped       4) shining, reached  
 5) glittering, climbed
215. The New Year has \_\_\_\_\_ in good news for city hotels as most properties are \_\_\_\_\_ for the whole month.  
 1) brought, deserted        2) ushered, packed  
 3) pushed, full                4) steered, renovating  
 5) escorted, vacant

**Directions (Q. 216-225): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is 5). (Ignore errors of punctuation, if any.)**

216. The bane of Indian hockey today is 1) lack of interest by the part of the public 2) which in turn is fuelled by the perception that 3) it doesn't pay to take up the sport as a career. 4) No error 5)
217. Illegal sand mining has become 1) a boom business fuelled 2) by the ever-increasing demand 3) of the construction industry. 4) No error 5)
218. Much is the inflow of travellers that 1) it is tough to book an air ticket 2) to Ahmedabad and the international flights 3) too are almost over-booked. 4) No error 5)
219. Experts believe that a 1) gradually decreasing infant mortality rate 2) is lead to a proportionate 3) decrease in the size of our brains. 4) No error 5)
220. In just two months after having 1) planted these, most of the plants have 2) either dried up and are suffering 3) due to lack of maintenance. 4) No error 5)
221. In cities, people don't 1) always have the time to 2) catch up with old friends or 3) spend times with their family. 4) No error 5)
222. The band have been 1) performing at many cause-oriented concerts 2) to encourage people to come forward and 3) lend their support to the noble cause. 4) No error 5)
223. As market leaders 1) we have always been at 2) the forefront of creating awareness 3) / between the public. 4) No error 5)
224. If the IPL has succeeded in drawing 1) an audience across the country, it is because 2) cricket has always had a strong foundation 3) and a dedicated audience. 4) No error 5)
225. In view of the intense cold wave conditions 1) prevailing in the state, the government is declared 2) / holidays in all the schools 3) for a period of ten days. 4) No error 5)

## Answers

1.5; Obviously, it is assumed to be as a contagious disease and so in public interest this notice-cum-warning has been issued. Therefore, I is implicit.  
II is implicit because ward No. 2 is meant only for ABC disease.

2. 1; I is implicit, that is why in city Z people prefer to buy car X instead of car Y. II isn't implicit.

3. 5; I is implicit, Railway services are available for these destinations, that is why the mention of not providing concession for travelling to these destinations.

As Railways does not provide concession for travelling to these particular holiday destinations, it means Railway provides concession to certain people for travelling to places other than these holiday destinations. Therefore II is implicit.

4. 2; I isn't implicit.

II is implicit. As the notice warns against travelling without proper ticket and proposes, penalty for it, it makes it clear that an inspection may be done to check the tickets.

5. 5; The phrase **only in** Nigeria-makes it clear that the prices of petrol and diesel have changed elsewhere in the world during those three years. Therefore I is implicit.

II is implicit.

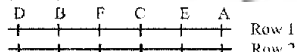
6. 1; I is a positive step that will motivate people to contribute in the development of the nation through paying their tax honestly. II is a negative approach.

7. 1; I is a positive step that would help them be familiar with the good side. II is not tenable.

8. 5; Both these would address the problem of accountability.

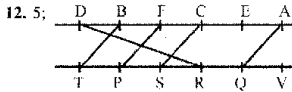
9. 2; I is irrelevant. II will help develop a better healthcare infrastructure. Hence it follows.

(10-16):



10. 1; T faces D.

11. 2



13. 2; Except S, all others sit at an extreme end.

14. 2; Two persons P and S.

15. 3; B is facing Q.

16. 4

17. 5; Given

Floor No	
6	
5	
4	
3	→ unoccupied
2	
1	

**From I.** There are two Possibilities.

Floor	Person	Floor	Person
6	R	6	T
5	S OR	5	S
4	T	4	R
3	unoccupied	3	Unoccupied
2		2	
1		1	I

Thus I alone is not sufficient to find on which floor does T live.

**From II.** There are two possibilities.

T	Q
-	or
-	-
Q	T

**From I and II together.**

The only possible arrangement is

Floor	Person
6	R
5	S
4	T
3	Unoccupied
2	P
1	Q

Thus T lives on the 4<sup>th</sup> floor.

Therefore both I and II together are necessary.

18. 4; **From I.** hope to see you → 3692 ... (1)  
do you see that → 1973 ... (2)

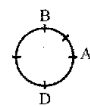
From (1) and (2), you see → 93

Can't deduce the exact code of 'see', so I alone is not sufficient.

**From II.** to pray and hope → 0286 ... (3)  
hope I do well → 5467 ... (4)

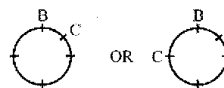
Even from I and II together we can't find the exact code for 'see'.

19. 1; **From I.**



D is sitting on the immediate left of A.  
So, I alone is sufficient.

**From II.**



Nothing is mentioned about A.

20. 5; **From I.** 'X and Y' are a married couple. We can't say exactly who between them is husband or wife. Therefore I alone is not sufficient.

**From II.** R is only grandson of Y's mother. So Y is the father of R.

**From I and II together:**

As Y is the father of R

X is the wife of Y.

21. 5; **From I.**  $P > Q = R > T$

Nothing is mentioned about S. So, we can't say which is the lightest. Thus I alone is not sufficient.

**From II.**  $Q > S > T$

Nothing is mentioned about P and R. So, II alone is not sufficient.

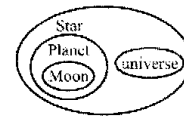
**From I and II together:**

$P > Q = R > S > T$

Thus T is the lightest.

(22-23):

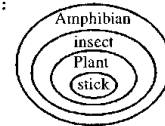
22. 1; One of the possible Venn-diagrams is-



Thus only I follows.

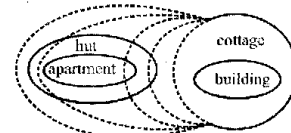
23. 5; From the above Venn diagram both I and II follow.

(24-25):



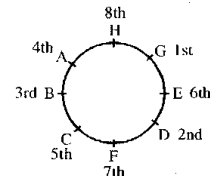
24. 5 25. 2

(26-28):



26. 4 27. 4 28. 1

(29-36):



29. 5 30. 4 31. 4 32. 2

33. 3; H and E, who is the student of class 6<sup>th</sup>.

34. 1; In all others first person is between the second and the third person of the group.

35. 4; All others are in clockwise order.

36. 5

37. 4; All except Alaska are continents.

38. 4; All others are different forms of reward.

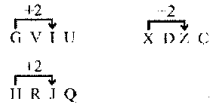
39. 3;  $MPQO$   $DGHF$   
          +2                   +2

$RUTV$   $VYZX$   
          -4                   +2

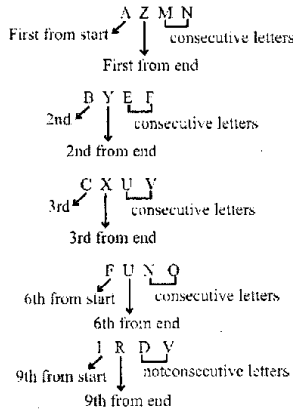
$JMNL$   
          +2

40. 2;  $AMCL$   $WTVK$   
          +2                   -1





41. 5;

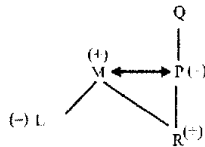


42. 2; As there is lack of applicants for such programs, it may lead a crunch of qualified teachers in the coming years. As for 4, it is a negative action.

43. 3; because it is mentioned that salaries of maids have probably gone up only 50 times, and costs have gone up 100 times.

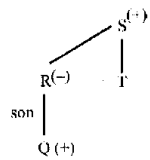
(44-46):

44. 1; Given expression is  $L \div M \times R - P \div Q$



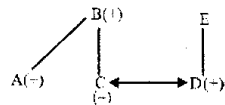
L is grand-daughter of Q.

45. 3;



Q must be the son of R to be a nephew of T. So '-' will come in place of question mark.

46. 5;



E is the mother-in-law or father-in-law of C. as E's gender is not specified.

47. 4; Given  $I > J \geq K ? L \leq N = M$

**Check option (1)**  
 $I > J \geq K > L \leq N = M$   
 Combining  
 $I > J > K > L \leq M$   
 Can't compare M and K

**Check option (2)**  
 $I > J \geq K < L \leq N = M$   
 Combining  
 $I > K < L \leq N = M$   
 Can't compare I and L

**Check option (3)**  
 $I > J \geq K \leq L \leq N = M$   
 Combining  
 $I > K \leq L \leq N = M$   
 Can't compare I and L

**Check option (4)**  
 $I > J \geq K - L \leq N = M$   
 Combining  
 $I > K - L \leq N = M$   
 $I > L \leq N = M$

Thus  $I > L$  is true.

Again check:

$I > J \geq K - L \leq N = M$   
 Combining  
 $I > J \geq K \leq M$

Thus  $M \geq K$  is also true.

48. 4; Given expression is  $P - Q - R - S$

with the conditions that  $S > P$  definitely true, and  $S = P$  definitely false.

We wouldn't check option (1), because of  $>$  and  $\geq$  symbols. Both lead to the possibilities of  $S < P$  or  $S \leq P$

**Check option (2)**  
 $P \leq Q - R \leq S$   
 Combining  
 $P \leq Q \leq S$   
 Combining  
 $P \leq S$

So, option (2) is not right choice.

**Check option (3)**  
 $P > Q < R < S$   
 Combining  
 $P > Q < S$

Can't compare P and S.

Thus option (3) is not the right choice.

**Check option (4)**  
 $P < Q \leq R \leq S$   
 Combining  
 $P < Q \leq S$   
 Combining  
 $P < S$

Thus option (4) is the right choice.

(49-55):

**Days:-**  
 Mon Tue Wed Thu Fri Sat Sun  
**Subjects:-**  
 Math Psy Chem Comp Bio Phy Eng

49. 5 50. 1

51. 3; Two lectures Computer and Biology.

52. 1; Given schedule is

Maths Psy Chem Comp Bio Phy Eng

Biology will be related to English.

53. 3 54. 4 55. 5

(56-60):

more money in market  $\rightarrow$  zo li aa to... (1)

share in market profit  $\rightarrow$  vo to je li ... (2)

making more profit now  $\rightarrow$  su je zo ka ... (3)

How the market gains  $\rightarrow$  do li yo su ... (4)

From (1) and (4), market  $\rightarrow$  li

From (1) and (3), more  $\rightarrow$  zo

From (1) and (2), in  $\rightarrow$  to

So from (1) money  $\rightarrow$  aa

From (2) and (3), profit  $\rightarrow$  je

So from (2), share  $\rightarrow$  vo

From (3) & (4) now  $\rightarrow$  su

From (3), making  $\rightarrow$  ka

From (4), the gains  $\rightarrow$  do yo

So, gains  $\rightarrow$  do or yo.

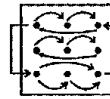
56. 3 57. 1 58. 5

59. 1;

60. 5; to ka li aa  
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$   
 in making market money

61. 1; In each step, first and third rows interchanges their positions.

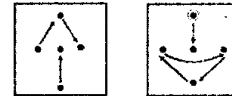
And follow the pattern in each step.



62. 3; In each step the whole figure rotates 90° ACW. Besides, the 5th and 7th elements get interchanged.



63. 5;



(1)  $\rightarrow$  (2) (2)  $\rightarrow$  (3)  
 (3)  $\rightarrow$  (4) (4)  $\rightarrow$  (5)  
 (5)  $\rightarrow$  (6)

A new element appears at the encircled position.

64. 2; The figure rotates 90° CW in each step and a new element appears besides T, D, S and Z. T and S interchange positions in alternate steps.

65. The  $\uparrow$  arrow moves 90°, 135°, 180°, 225° CW in subsequent steps.

Pin  $\odot$  moves 45°, 90°, 135°, 180° CW in subsequent steps.

T moves 45° CW in each step.

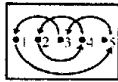
66. 5;



- (1) → (2)  
(3) → (4)  
(5) → (6)

A new element appears at the encircled position.

67. 1; The interchange follows this pattern in each step.



1 → 5 → 3 → 1 gets inverted in figure (3) and (5).

2 → 4 → 2 gets inverted in figure (2), (4) and (6)

68. 2;



- (1) → (2)  
(3) → (4)  
(5) → (6)

69. 3;



- (1) → (2)  
(3) → (4)  
(5) → (6)

A new element appears at the encircled position.

70. 3;



- (1) → (2)  
(3) → (4)  
(5) → (6)

71. 4;



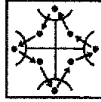
- (1) → (2)  
(3) → (4)  
(5) → (6)

72. 1;



- (1) → (2)  
(3) → (4)  
(5) → (6)

73. 2;



- (1) → (2)  
(3) → (4)  
(5) → (6)

74. 5;



- (1) → (2)  
(3) → (4)  
(5) → (6)

75. 2; Follow the same pattern as followed from (2) → (3).

76. 1; I.  $\sqrt{1225}x + \sqrt{4900} = 0$

or,  $35x + 70 = 0$  or,  $x = \frac{-70}{35} = -2$

II.  $3y + 7 = 0$  or  $y = \frac{-7}{3}$

∴  $x > y$

77. 5; I.  $\frac{18+6x-12}{x^2} = \frac{8}{x^2}$

or,  $x = \frac{1}{3} = .333$

II.  $y^2 = 16.95 - 9.68 - 5.64 = 1.63$   
∴  $y = \pm 1.277$

78. 1; I.  $x^3 = \frac{32+1331}{6} = \frac{1363}{6}$

II.  $5y^3 - 4y^3 = \frac{589}{4}$

or,  $y^3 = \frac{589}{4}$  ∴  $x > y$

79. 2; I.  $2x^2 - 11x + 12 = 0$

or,  $x = 4, \frac{3}{2}$

II.  $4y^2 - 8y + 3 = 0$

∴  $y = \frac{3}{2}, \frac{1}{2}$  ∴  $x \geq y$

80. 4; I.  $\frac{7}{x^5} + 9 = 169 + \frac{3}{x^5}$

or,  $x^{\frac{7}{5}} \times x^{\frac{3}{5}} = 169 \times 9$

or,  $x^{\frac{7+3}{5}} = 1521$  or,  $x^2 = 1521$

$x = \pm 39$

II.  $y^{\frac{1}{2}} \times y^{\frac{1}{4}} \times y^{\frac{1}{4}} = \frac{273}{7}$

or,  $y^{\frac{1}{2} + \frac{1}{4} + \frac{1}{4}} = 39$

or,  $y = 39$

$x \leq y$

81. 1;  $3T + 5C = 3110$  ... (i)

$T - C = 210$  ... (ii) × 3

$3T - 3C = 630$  ... (iii)

From eqn (i) and (iii).

$C = 310$  (cost of one Chairs = ₹310)

$T = 520$  (cost of one Tables = ₹520)

∴ cost of two chairs and two tables = ₹1660.

82. 4; Total of present ages of Ram, Rohan and Raj =  $28 \times 3 = 84$  yrs.

Ram's present age

$= \frac{84}{3+4+5} \times 3 = 21$  yrs

Rohan's present age =  $\frac{84}{3+4+5} \times 4 = 28$  yrs.

∴ After five years Ram's and Rohan's age together =  $21 + 28 + 10 = 59$  yrs.

83. 2; Area of the circle

$= \frac{22}{7} \times 14 \times 14 = 616$  sq cm

∴ area of the rectangle =  $1266 - 616 = 550$  sq cm

∴ Breadth of the rectangle =  $\frac{550}{25} = 22$  cm

∴ Perimeter of the rectangle =  $2(25+22) = 94$  cm

Circumference of the circle =  $2 \times \frac{22}{7} \times 14 = 88$  cm

∴ Sum =  $94 + 88 = 182$  cm

84. 1; 54% of max marks =  $456 - 24 = 432$

∴ Max marks =  $\frac{432 \times 100}{54} = 800$

34% of max marks = 272

Reqd Ans =  $456 - 272 = 184$

85. 2; Smallest angle of a quadrilateral

$= \frac{360}{18} \times 3 = 60^\circ$

Smallest angle of Δ is  $60 \times \frac{2}{3} = 40^\circ$

Largest angle of Δ is  $40 \times 2 = 80^\circ$

2nd largest angle of Δ is  $60^\circ$

Largest angle of quadrilateral =  $\frac{360}{18} \times 6 = 120^\circ$

∴ Reqd Ans =  $120 + 60 = 180^\circ$

86. 4;  $120 \text{ km/h} = 120 \times \frac{5}{18} = \frac{100}{3} \text{ m/s}$

Distance covered by the train in 24 sec

$= \frac{100}{3} \times 24 = 800 \text{ m.}$

Length of the platform =  $800 - 320 = 480\text{m}$

Speed of the man =  $\frac{480}{4 \times 60} \times 2 \text{ m/s}$

87. 4; SI in one year = ₹1200  
∴ Principal = ₹10,000

CI in two years =  $P \left( 1 + \frac{r}{100} \right)^n - P$

$$= 10,000 \left[ \left( 1 + \frac{5}{100} \right)^2 - 1 \right]$$

$$= 10,000 \left[ \frac{21}{20} \times \frac{21}{20} - 1 \right] = 10,000 \left[ \frac{441}{400} - 1 \right]$$

$$= 10,000 \times \frac{41}{400} = 1025$$

88. 3; 2nd no. = 7

$$1\text{st no.} = \sqrt{568 - 7^2}$$

$$= \sqrt{568 - 49} = \sqrt{519} = 15$$

∴ Three-fifths of 1st no. =  $15 \times \frac{3}{5} = 9$

89. 3; Sum of consecutive odd or even no =  $n$   
{ $a + (n - 1)$ }; where 'a' is the smallest no.

$$\therefore 8(a + 7) = 656$$

$$a = 82 - 7 = 75$$

Average of odd or even nos. =  $L - (n - 1)$

where L = largest no.

$$\therefore L - (4 - 1) = 87$$

$$L - 3 = 87$$

$$L = 90$$

2nd largest even number = 88

∴ Reqd answer =  $75 + 88 = 163$

90. 2; In such type of case there is always a loss.

$$\therefore \text{loss} = \frac{5^2}{100} \% \text{ ie } 0.25\%$$

$$9600 \times \frac{0.25}{100} = ₹24$$

91. 5; Total failed in school C in 2008 =  $354 - 258 = 96$

Total appeared in school D in 2006 = 235

$$\text{Total} = 331$$

92. 1

93. 1; 11:4

$$94. 5; \frac{435}{546} \times 100 = 80\%$$

$$95. 3; \frac{435 - 346}{346} \times 100 = 25.7\%$$

$$96. 3; 650 \times \frac{24}{23} \times \frac{92}{100} \times \frac{1}{6}$$

$$= 85 + ?$$

$$\text{or, } ? = 104 - 85 = 19$$

$$97. 3; 92 \times 576 \div (2\sqrt{1296})$$

$$= (?^2)^2 + \sqrt{49}$$

$$\text{or, } \frac{92 \times 576}{72} = ?^2 + 7 \quad \text{or, } 736 - 7 = ?^2$$

$$? = \sqrt{729} = 9$$

$$98. 5; (3 + 2 - 1 - 1) + \left( \frac{1}{4} + \frac{1}{2} - \frac{5}{6} - \frac{5}{12} \right)$$

$$= \frac{(?^2)^2}{10} \Rightarrow 3 + \left( \frac{3+6-10-5}{12} \right) = \frac{?^2}{10}$$

$$\Rightarrow 3 + \frac{6}{12} = \frac{?^2}{10} \Rightarrow 3 - \frac{1}{2} = \frac{?^2}{10}$$

$$\text{or } ?^2 = \frac{5}{2} \times 10 = 25 \quad ? = 5$$

99. 1    100. 2    101. 1

102. 3; 68% of 1400 - 14% of 1300 =  $952 - 182 = 770$

103. 4;  $5467 - 3245 + 1123 - 2310 = ?$   
 $? = 1035$

104. 4    105. 5

$$106. 4; 1 \times 7 = 7$$

$$7 \times 7 = 49$$

$$49 \times 7 = 343$$

$$343 \times 7 = 2401$$

$$107. 4; 13 + 2^2 + 3 = 20$$

$$20 + 4^2 + 3 = 39$$

$$39 + 6^2 + 3 = 78$$

$$78 + 8^2 + 3 = 145$$

$$145 + 10^2 + 3 = 248$$

$$108. 1; 12 \times 2 + 11 = 35$$

$$35 \times 2 + 11 = 81$$

$$81 \times 2 + 11 = 173$$

$$173 \times 2 + 11 = 357$$

$$357 \times 2 + 11 = 725$$

$$109. 5; 3 + 97 = 100$$

$$100 + 197 = 297$$

$$297 + 297 = 594$$

$$597 + 397 = 991$$

$$991 + 497 = 1488$$

$$110. 3; 112 + 7 \times 1 = 119$$

$$119 + 7 \times 3 = 140$$

$$140 + 7 \times 5 = 175$$

$$175 + 7 \times 7 = 224$$

$$224 + 7 \times 9 = 287$$

$$111. 1; \text{Avg} = \frac{50+40+30+15+10+5}{6} \times 1000$$

$$= 25000$$

$$112. 3; \text{Reqd } \% = \frac{40}{25} \times 100 = 160\%$$

$$113. 1; 90,000 \times \frac{70}{100} = 63000$$

$$114. 3; \frac{10,000}{85000} = \frac{2}{17} = 2 : 17$$

$$115. 5; \text{Reqd } \% = \frac{45-30}{45} \times 100 = 33\frac{1}{3}\%$$

116. 4; Diff =  $26\% - 6\% = 20\%$   
Half = 10%  
∴ 10% of 6500 = 650

$$117. 5; \frac{26-18}{18} \times 100 = 44.44\%$$

118. 3;  $18\% + 13\% + 6\% = 37\%$   
37% of 6500 = 2405

119. 3; Reqd ratio = 13 : 7

$$120. 1; \text{Reqd } \% = \frac{30}{18} \times 100 = 166.67\%$$

$$121. 1; \text{Avg} = \frac{3.34+5.83+1.69}{3} = \frac{10.86}{3} = 3.62 \text{ lac}$$

$$122. 2; \frac{2.79}{9.45} = \frac{31}{105} = 31:105$$

$$123. 5; \text{Reqd } \% = \frac{9.45-8.42}{8.42} \times 100 = 12.23\%$$

124. 4

$$125. 3; \text{Reqd } \% = \frac{1.44+7.84}{5.53} \times 100$$

$$= \frac{9.28}{5.53} \times 100 = 167.82\%$$

126. 5    127. 3    128. 4    129. 4    130. 4

131. 3    132. 3    133. 2    134. 2    135. 4

136. 5    137. 4    138. 2    139. 1    140. 1

141. 3    142. 4    143. 4    144. 1    145. 3

146. 1    147. 2    148. 2    149. 2    150. 2

151. 2    152. 4    153. 4    154. 5    155. 1

156. 5    157. 5    158. 1    159. 5    160. 1

161. 3    162. 3    163. 1    164. 2    165. 4

166. 4    167. 3    168. 3    169. 1    170. 2

171. 1    172. 2    173. 5    174. 1    175. 5

176. 3    177. 3    178. 5    179. 5    180. 4

181. 3    182. 1    183. 5    184. 4    185. 2

186. 2    187. 1    188. 4    189. 1    190. 2

(191-195): EDGAFCB

191. 2    192. 1    193. 3    194. 2    195. 5

196. 1    197. 4    198. 5    199. 2    200. 4

201. 3    202. 5    203. 3    204. 2    205. 3

206. 2    207. 3    208. 1    209. 5    210. 4

211. 1    212. 5    213. 4    214. 4    215. 2

216. 2; 'on the part of'

217. 2; 'booming business'

218. 1; 'So much is the inflow'

219. 3;

220. 3; Replace 'and' with 'or'.

221. 4; 'spend time'

222. 1; Replace 'have' with 'has'.

223. 4; Replace 'between' with 'among'.

224. 5

225. 2; Replace 'is' with 'has'.

- 3) people inculcate spiritual values along with material values.
- 4) People accumulate things which are not congenial to the spiritual values of the people.
- 5) None of these

According to the passage, people ultimately overturn the form of a social order which

- 1) is based on coercion and oppression.
- 2) doesn't satisfy their basic needs.
- 3) is based on conciliation and rapprochement.
- 4) is not congenial to the spiritual values of the people.
- 5) None of these

According to the passage, the root cause of class conflict is

- 1) the paradise of material satisfaction.
- 2) dominant inherent acquisitive instinct in a man.
- 3) exploitation of the have-nots by the haves.
- 4) a social order where the underprivileged are not involved in its establishment.
- 5) None of these

Which of the following statements is not true in the context of the passage?

- 1) New order can be established by radically changing people's outlook towards it.
- 2) The adoption of the ideal of trusteeship can minimise possessive instinct.
- 3) Enforced egalitarianism can be the cause of its own destruction.
- 4) The idea of a new order is to secure maximum satisfaction.
- 5) None of these

Which of the following statements is true in the context of the passage?

- 1) A social order based on truth and non-violence alone can help the achievement of political freedom.
  - 2) In establishing the society of Gandhiji's pattern, the possibility of a conflict among different classes existed.
  - 3) It is difficult to change men's mind and attitude towards poverty.
  - 4) In an egalitarian society, material satisfaction can be achieved only at the expense of others.
  - 5) None of these
10. According to the passage, "the adoption of the ideal of trusteeship" means
- 1) equating peace and progress with material satisfaction.
  - 2) adoption of ideal by the have-nots for the benefit of the society.
  - 3) enlightened renunciations of possessive instinct by the privileged class.
  - 4) substituting spiritual values for material values by those who live in paradise of satisfaction.
  - 5) None of these

**Direction (Q. 11-15): Which of the following is most nearly the SAME in meaning as the word printed in bold as used in the passage?**

11. **Perpetuation**  
1) Enduring 2) Commitment 3) Existence forever  
4) perplexion 5) None of these
12. **Descendants**  
1) Descent 2) Description 3) Distrust  
4) Detractors 5) None of these
13. **Instinct**  
1) Habit 2) Instigate 3) Innate impulse  
4) Inertia 5) None of these
14. **Acquisitive**  
1) Acquire 2) Acquisition 3) Possessive  
4) Grabbing 5) None of these
15. **Renunciation**  
1) Self-acquisition 2) Restoration 3) Requirement  
4) Self-denial 5) None of these

**Directions (Q. 16-18): Which of the following is most OPPOSITE in meaning of the word printed in bold as used in the passage?**

16. **Endure**  
1) Patience 2) Tolerate 3) Continue  
4) Tempt 5) None of these
17. **Transmute**  
1) Change 2) Adament 3) Vascillate  
4) Move 5) None of these
18. **Amelioration**  
1) Deterioration 2) Betterment 3) Restoration  
4) Submission 5) None of these

**Directions (Q. 19-28): Read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is '5'. (Ignore errors of punctuation, if any.)**

19. 1) When trees start / 2) dropping its leave / 3) we say, "it must be / 4) the advent of autumn. / 5) No error
20. 1) The car could not / 2) climb the steep hill / 3) because, it was / 4) in the wrong gears. / 5) No error
21. 1) Nobody remain / 2) in the hall / 3) when the / 4) chief guest came. / 5) No error
22. 1) In summer, / 2) the days / 3) and nights / 4) are hotter. / 5) No error
23. 1) The poor / 2) are usually / 3) intolerant of / 4) the rich people. / 5) No error
24. 1) The Indian Republic / 2) Day fell on / 3) 26th January / 4) every year. / 5) No error
25. 1) Between Radhika / 2) and Rashmi / 3) Rashmi is the most / 4) intelligent. / 5) No error
26. 1) Americans are / 2) accustomed to / 3) drinking coffee / 4) with their meals. / 5) No error
27. 1) Though born in / 2) Kolkata, he lived / 3) his remaining / 4) life in Delhi. / 5) No error
28. 1) There is / 2) a continuous / 3) tussle between / 4) the haves and the have-nots. / 5) No error

**Directions (Q.29-38):** Fill up the blanks with a suitable pair of words from the options given below to make a meaningful sentence.

29. Gautam didn't want to join Prateek and Ashok because he \_\_\_\_\_ that sometimes when two's a company three can be \_\_\_\_\_.  
 1) knows, bore 2) thinks, firm 3) knew, crowd  
 4) says, hill 5) None of these
30. She shouted \_\_\_\_\_ him at the top of her voice, but he did not \_\_\_\_\_ and went on.  
 1) to, hear 2) at, heard 3) for, listened  
 4) against, ūsten 5) None of these
31. The suspect was \_\_\_\_\_ to the police station, but the \_\_\_\_\_ revealed nothing.  
 1) arrested, questions 2) carried, answers  
 3) led, probe 4) taken, interrogation  
 5) None of these
32. It was the \_\_\_\_\_ courage given by drink \_\_\_\_\_ made Ramu challenge the bull.  
 1) trench, which 2) Dutch, that 3) good, what  
 4) taunting, who 5) None of these
33. Every one should \_\_\_\_\_ himself \_\_\_\_\_ illness since medical care has now become expensive.  
 1) ensure, for 2) secure, by 3) vaccinate, from  
 4) insure, against 5) None of these
34. The transfer of territories could not \_\_\_\_\_ because one state \_\_\_\_\_ the findings of the commission.  
 1) taken place, rejected 2) take place, disputed  
 3) took place, objected 4) be made, questions  
 5) None of these
35. It was his \_\_\_\_\_ nature which made him continue \_\_\_\_\_ most would have given up.  
 1) divine, when 2) stubborn, where  
 3) abrupt, which 4) aggressive, while  
 5) None of these
36. The degrees were \_\_\_\_\_ in the annual \_\_\_\_\_.  
 1) given, convention 2) distributed, conference  
 3) awarded, convocation 4) rewarded, convolution  
 5) None of these
37. *Boswell's Life* of Samuel Johnson is \_\_\_\_\_ to be the greatest \_\_\_\_\_ ever written.  
 1) considered, biography 2) known, fiction  
 3) regarded, autobiography 4) said, story  
 5) None of these
38. The car was moving at such a \_\_\_\_\_ pace that even the bullock-cart overtook \_\_\_\_\_.  
 1) bad, them 2) snail's, those 3) crab's, that  
 4) slow, it 5) None of these

**Direction (Q. 39-50):** In the following passage, some of the words have been left out, each of which is indicated by a number. Find the suitable word from the options given against each number and fill up the blanks with appropriate words to make the paragraph meaningful.

The (39) of a survey by the National Institute of (40) Health give (41) for (42). According to the survey, about 14

million people in India are affected by (43) mental (44) at any point of time. In the case of mentally ill, it is (45) enough difficult to (46) them, let alone (47) them. The most (48) are those in the (49) areas, for whatever (50) for the mentally sick exist are concentrated around major urban centres.

39. 1) findings 2) judgements 3) decisions  
 4) verdicts 5) measures
40. 1) Physical 2) Mental 3) Physiological  
 4) Social 5) Spiritual
41. 1) reinforcement 2) food 3) support  
 4) purpose 5) cause
42. 1) discontent 2) dissatisfaction 3) alarm  
 4) vexation 5) fear
43. 1) fatal 2) strong 3) dangerous  
 4) serious 5) important
44. 1) perturbation 2) confusion 3) involvement  
 4) disorder 5) dislocation
45. 1) often 2) seldom 3) hardly  
 4) never 5) occasionally
46. 1) cure 2) identify 3) select  
 4) rehabilitate 5) recognise
47. 1) guide 2) faciūtate 3) treat  
 4) advise 5) cure
48. 1) indifferent 2) neglected 3) serious  
 4) abandoned 5) careless
49. 1) forest 2) urban 3) rural  
 4) suburban 5) facilities
50. 1) solicitation 2) avenues 3) advantages  
 4) remedies 5) facilities

## Test-II: Quantitative Aptitude

**Directions (Q. 51-75):** What value should come in place of question mark (?) in the following equations?

51.  $(156.4 \div 13.6) \times 14.4 = 0.8 \times ?$   
 1) 204 2) 207 3) 212 4) 215 5) 218
52.  $4367 + 10215 - 11398 + 131 = 1105 \times \sqrt{?}$   
 1) 4 2) 9 3) 16 4) 25 5) 36
53.  $(177 \times 13 \div 30) - (22.86 \div 1.8) = (?)^2$   
 1) 8 2) 10 3) 12 4) 14 5) 16
54.  $25200 \div 18 = (10)^? \% \text{ of } 14$   
 1) 5 2) 1 3) 3 4) 4 5) 2
55.  $3.5\% \text{ of } 240 + 4.75\% \text{ of } 360 = ?$   
 1) 21.5 2) 22.5 3) 23.5  
 4) 24.5 5) 25.5
56.  $4032 \div 36 \times 35 = 8057 - 148 - ?$   
 1) 3968 2) 3972 3) 3989  
 4) 3994 5) None of these
57.  $\sqrt{756.25} = ?$   
 1) 29.5 2) 28.5 3) 27.5 4) 26.5 5) None of these
58.  $\frac{2}{11} \text{ of } \frac{5}{7} \text{ of } 511 = ? \div 121$   
 1) 8030 2) 8040 3) 8050  
 4) 8060 5) 8080

59.  $\frac{4}{7} \times 23205 = 5460$   
 1) 15    2) 17    3) 18    4) 21    5) 25
60.  $3.8 \times 7.2 \times 4.5 = ?$   
 1) 121.42    2) 122.84    3) 123.12  
 4) 124.8    5) 125.6
61.  $66\% \text{ of } 130 + 72\% \text{ of } 285 = ? \times 3$   
 1) 97    2) 102    3) 105    4) 112    5) 115
62.  $66 \times 55 \times 44 = ?$   
 1) 660520    2) 159720    3) 430170  
 4) 249510    5) 312890
63.  $\sqrt{7} \times 45 \div \sqrt{441} = 30$   
 1) 324    2) 256    3) 196    4) 144    5) 64
64.  $7056 \div \sqrt{1296} = (?)^2$   
 1) 8    2) 4    3) 12    4) 14    5) 16
65.  $7.8\% \text{ of } 4450 + 3.2\% \text{ of } 1200 = ?$   
 1) 385.5    2) 372.5    3) 381.5  
 4) 378.5    5) None of these
66.  $(9)^{72} \times (81)^{69} \div (729)^7 = (3)^?$   
 1) 4    2) 6    3) 5    4) 8    5) 7
67.  $480\% \text{ of } ? = 60264$   
 1) 17235    2) 16475    3) 12555  
 4) 11975    5) 10495
68.  $2\frac{3}{7} \times 21\frac{1}{3} \div \frac{5}{126} = ?$   
 1) 1305.6    2) 1304.6    3) 1303.6  
 4) 1302.6    5) 1301.6
69.  $3\frac{2}{5} + 1\frac{3}{7} - 4\frac{1}{2} + \frac{5}{14} = ?$   
 1)  $2\frac{7}{25}$     2)  $3\frac{4}{15}$     3)  $7\frac{2}{3}$   
 4)  $1\frac{4}{35}$     5) None of these
70.  $\sqrt[3]{50653} = ?$   
 1) 37    2) 39    3) 41    4) 43    5) 47
71.  $\frac{3}{5} \text{ of } \frac{12}{7} \text{ of } 1575 = 54 \times ?$   
 1) 28    2) 30    3) 32    4) 34    5) 36
72.  $11.2 \times 17.5 \times 2.7 \div 4.2 = ?$   
 1) 122    2) 124    3) 126    4) 128    5) 130
73.  $94378 + 35127 + 12006 - 88568 - 21374 = ? \times 3$   
 1) 10523    2) 11327    3) 12112  
 4) 13804    5) None of these
74.  $640\% \text{ of } 12.5 + 440\% \text{ of } 17.5 = ?\% \text{ of } 392.5$   
 1) 25    2) 40    3) 50  
 4) 60    5) 80
75.  $\sqrt{5476} \times \sqrt{7} = 6512$   
 1) 6724    2) 7056    3) 7396  
 4) 7744    5) 8100
76. The average age of six boys is 13 years. If the age of one more boy is added to it, the average age increases by one year. What is the age of the new boy?  
 1) 14 years    2) 16 years    3) 18 years  
 4) 20 years    5) 22 years
77. What percentage should be added to 75 to make it 120?  
 1) 40%    2) 45%    3) 50%    4) 60%    5) 75%
78. The increase in population in some part of a city is 20% per year. If the population of that part of the city in 2002 was 2 lakh then it increased in 2005 to  
 1) 2.896 lakh    2) 3.456 lakh    3) 4.841 lakh  
 4) 4.42 lakh    5) None of these
79. The ratio of the present ages of A to B is 8:5, The sum of their ages is 78 years. What will be the ratio of their ages 12 years hence?  
 1) 9:4    2) 10:7    3) 12:7    4) 7:3    5) 8:5
80. What would be the compound interest obtained on an amount of ₹12400 at the rate of 15% per annum after two years.  
 1) ₹3782    2) ₹3860    3) ₹3999  
 4) ₹4012    5) None of these
81. A person spends ₹4125 which is 33% of his monthly income, on house rent. What is his income per annum?  
 1) ₹1.28 lakh    2) ₹1.321 lakh    3) ₹1.481 lakh  
 4) ₹1.50 lakh    5) None of these
82. The cost of 8 bats and 14 balls is ₹15400. What is the cost of 12 bats and 21 balls?  
 1) ₹18700    2) ₹20400    3) ₹23100  
 4) ₹24720    5) None of these
83. The difference between 45% of a number and 18% of the same number is 172.8. What is 65% of that number?  
 1) 408    2) 412    3) 416    4) 420    5) 424
84. The total number of students in a school is 2184. If the number of girls in the school is 858, what is the ratio of the total number of boys to the total number of girls in the school?  
 1) 13:9    2) 17:11    3) 19:13    4) 21:16    5) 23:18
85. If A's salary is 36% more than B's, how much per cent is B's salary less than A's (Answer in approximate value)  
 1) 36%    2) 24.32%    3) 26.47%    4) 28.8%    5) 64%
86. What is the least number to be added to 7000 to make it a perfect square?  
 1) 84    2) 62    3) 56    4) 48    5) 36
87. If an amount of ₹172382 is distributed equally among 98 persons, how much amount would each person get?  
 1) ₹1753    2) ₹1759    3) ₹1767  
 4) ₹1779    5) None of these
88. If  $A + B = 82$  and  $AB = 1672$ , what is the value of  $A^2 + B^2$ ?  
 1) 3320    2) 3640    3) 3380    4) 3660    5) None of these
89. 28 men can complete a piece of work in 12 days. In how many days can 16 men complete the same piece of work?  
 1) 18 days    2) 20 days    3) 21 days  
 4) 24 days    5) 16 days
90. A, B and C completed a piece of work costing ₹6440. A worked for 8 days, B for 5 days and C for 9 days. If their

- daily wages are in the ratio 4 : 7 : 5, how much amount will be received by A?  
 1) ₹1720      2) ₹1760      3) ₹1820  
 4) ₹1840      5) ₹1880
91. What would be the simple interest obtained on an amount of ₹4450 the rate of 12% per annum after 12 years?  
 1) ₹4896      2) ₹5264      3) ₹5696  
 4) ₹6210      5) None of these
92. A person bought an old TV at ₹4800 and spent 20% of it on repairing. If he wants to make a profit of ₹1728 then what percentage should be added in purchase price?  
 1) 36%    2) 48%    3) 56%    4) 64%    5) None of these
93. ₹11775 is spent in the floor repair of a 30 × 25 ft hall. What is the repair cost per square feet?  
 1) ₹12.50    2) ₹14.80    3) ₹15.70  
 4) ₹16.40    5) None of these
94. In an examination it is required to get 45% of the aggregate marks to pass. A student gets 234 marks and is declared failed by 117 marks. What is the maximum aggregate marks a students can get?  
 1) 700    2) 720    3) 750    4) 780    5) 800
95. A gold bracelet is sold for ₹11808 at a loss of 28%. What is the cost price of the gold bracelet?  
 1) ₹16200    2) ₹16400    3) ₹16600  
 4) ₹16800    5) None of these
96. Find the average of the following sets of scores: 312, 468, 286, 712, 644, 572, 808 and 406  
 1) 601    2) 605    3) 644    4) 602    5) 526
97. If  $\frac{1}{4}$  of Ajay's salary is equal to  $\frac{1}{6}$  of Vijay's salary and their total salary is ₹17600, what is Vijay's salary?  
 1) ₹9680    2) ₹9840    3) ₹10560  
 4) ₹10680    5) None of these
98. There are 18 dozen eggs in a box. If there are 38 such boxes, how many eggs are there in all the boxes together?  
 1) 8168    2) 8196    3) 8208  
 4) 8224    5) 8248
99. The average of five consecutive odd numbers a, b, c, d and e is 71. What is the product of c and d?  
 1) 4757    2) 5183    3) 5475  
 4) 4899    5) None of these
100. If the numerator of a fraction is increased by 250% and the denominator of the fraction is increased by 200%, the resultant fraction is  $\frac{8}{5}$ . What is the original fraction?  
 1)  $\frac{32}{25}$     2)  $\frac{32}{15}$     3)  $\frac{25}{16}$     4)  $\frac{28}{15}$     5)  $\frac{5}{4}$
- nic pic', and 'winterbest time' is written as 'tic pic gee'.  
 101. What is the code for 'year'?  
 1) pic    2) su    3) nic    4) dic    5) Either nic or dic
102. What does 'tic' stand for?  
 1) winter    2) time    3) best  
 4) season    5) None of these
103. Which of the following represents 'beautiful time'?  
 1) sutic    2) geepic    3) tootic  
 4) pic su    5) None of these
104. Which of the following is the possible code for 'chilled winter'?  
 1) suchi    2) toonic    3) geepic  
 4) phi gee    5) None of these
105. Which of the following stands for 'su pic'?  
 1) beautiful time    2) best year    3) of winter  
 4) best season    5) None of these
106. Hill is related to mountain in the same way as  
 1) sickness is related to medicines  
 2) bad is related to immoral.  
 3) caution is related to careless.  
 4) good is related to excellent.  
 5) jealousy is related to respect.
107. How many such pairs of letters are there in the word ENCOURAGE each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical order?  
 1) None    2) One    3) Two  
 4) Three    5) More than three
108. If it is possible to make only one meaningful word with first, second, fifth and sixth letters of the word 'PARALYSIS', which of the following would be the second letter of that word from the left end?  
 If no such word can be made, give X as your answer and if more than one word can be formed give Z as your answer.  
 1) Z    2) A    3) L    4) X    5) Y
109. In a certain code 'FINANCE' is written as 'ELMDMBH' and 'SHARE' is written as 'RGDQH'. How is 'BANKTNG' written in that code?  
 1) EBQNHQF    2) ADMJLMF    3) ABMNLQF  
 4) EDQMHQI    5) None of these
110. If each alphabet of the word CREATIVE is arranged in alphabetical order from left to right and then each vowel of the word thus formed is changed with the next letter in the English alphabetical series and each consonant is changed with the previous letter in the English alphabetical series, which of the following will be the fourth from right?  
 1) F    2) J    3) Q    4) S    5) None of these

### Test-III: Reasoning Ability

Directions (Q. 101-105): Study the following information to answer the given questions.

In a certain code, 'beautiful winter season' is written as 'gee su too', and 'best season of year' is written as 'dic su

Directions (Q. 111-115): In each of the questions below are given statements followed by two conclusions numbered I and n. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follows

from the statements desregarding commonly known facts.  
**Giveanswer**

- 1) if only I follows.
  - 2) if only II follows.
  - 3) if either I or II follows.
  - 4) if both I and II follow.
  - 5) if neither I nor II follows.
111. **Statements:** All rats are cats.  
 Some cats are pets.  
**Conclusions:** L All rats being pets is a possibility.  
 LL Some cats can never be rats.
112. **Statements:** Some bats are hockeys.  
 No bat is a ball.  
**Conclusions:** I There is a possibility that some hockeys are balls.  
 J± No hockey is a ball.
113. **Statements:** Some boys are honest.  
 Some honests are intelligent.  
**Conclusions:** L At least some boys are intelligent.  
 IL All boys are intelligent.
114. **Statements:** All carrots are parrots.  
 All parrots are green.  
**Conclusions:** L There is a oossibility that some parrots are not carrots.  
 D. Some carrots are not green.
115. **Statements:** All handles are candles.  
 No candle is a pandle.  
**Conclusions:** L All handles can never be pandles.  
 EL All candles being handles is a possibility.
- Directions (Q. 116-120): The following questions are based on the folioing three-digit numbers given below:**  
 571 863 427 654 912
116. If all the three digits of each of the numbers are multiplied together, the product of which of the following numbers will be the second highest?  
 1)571 2)863 3)427 4)654 5)912
117. If all the digits of each of the numbers are arranged in ascending order within the number, how many numbers thus formed will be divisible by three?  
 1)None 2)One 3)Two  
 4) Three 5) More than three
118. If one is subtracted from each even digit of each of the numbers, in how many numbers thus formed will a digit appear twice within the number?  
 1)One 2)Two 3)Three 4)Four 5)Five
119. If the positions of the first and the second digits of each of the numbers are interchanged, what will be the product of the first and the third digits of the second highest number thus formed?  
 1)14 2)16 3)12 4)18 5) None of these
120. What will be the product of the second digit of the second lowest number and the third digit of the second highest number?  
 1)21 2)12 3)24 4)16 5) None of these

**Directions (Q. 121-125): Study the i'ollowing information carefully and answer the questions given below.**

- Eight friends, A, B, C, D, E, F, G and H, are sitting around a circular table facing the centre. Further, it is known that
- (A) D sits opposite H and E sits on the immediate left of H  
 (B) B cannot be an immediate neighbour of either D or H and sits third to the left of F.  
 (C) G sits second to the right of C.  
 (D) F is not an immediate neighbour of H.
121. Who is sitting exactly between E and F?  
 1)B 2)A 3)H 4)C 5)None of these
122. How many persons are sitting between A and C, starting from C in clockwise direction?  
 1)None 2)One 3)Two  
 4) Three 5) More than three
123. What will come in place of question mark in the following series according to the above seating arrangement?  
 D A C F ?  
 1)H 2)E 3)G 4)B 5) None of these
124. Four of the following five are alike in a certain way based on their seating positions, and so form a group. Which is the one that does not belong to that group?  
 1)AE 2)CH 3)BG 4)CE 5)FD
125. What is the position of A with respect to G?  
 1) Third to the left 2) Third to the right  
 3) Second to the left 4) Fifth to the right  
 5) None of these

**Directions (Q. 126-130): Study the following arrangement carefully and answer the questions given below.**

- P 7 3 G # R E \$ 4 F K 1 U % W H 2 N I  
 5 B Q Y 6 @ \* M ( i 8 V D
126. If all the symbols and numbers are dropped from the above arrangement, which of the following will be the fifteenth from the right end?  
 1)P 2)R 3)E 4)F 5) None of these
127. How many such numbers are there in the above arrangement, each of which is immediately preceded by a symbol and immediately followed by a letter?  
 1)None 2)One 3)Two  
 4) Three 5) More than three
128. Which of the following is seventh to the left of twelfth from the right end of the above arrangement?  
 1)I 2)% 3)U 4)H 5)None of these
129. What will come in place of question mark in the following series based upon the given arrangement?  
 7#G EF4 1W% 251 ?  
 1)Y\*@ ' 2)Q@6 3)52N  
 4)YBQ 5)None of these
130. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group?  
 1)EGR 2)KSF 3)P@M  
 4)NB2 5)%KU



**Directions (Q. 131-135): Study the following information carefully and answer the given questions.**

A, B, C, D, E, F, G and H are sitting in a straight line facing North, not necessarily in the same order.

- (A) G sits third to the left of D and second to the right of F.
- (B) Neither D nor F sits at any extreme end.
- (C) E and A are immediate neighbours but A is not an immediate neighbour of either G or F.
- (D) Exactly two persons sit between G and H.
- (E) B sits somewhere to the right of A.

131. Who sits exactly between F and G?  
 1) B    2) C    3) D    4) E    5) A
132. If all the persons are made to sit in alphabetical order from left to right, the positions of how many of them remain unchanged as compared to the original seating positions?  
 1) None    2) One    3) Two    4) Three    5) Four
133. Which of the following pairs sits at the extreme ends of the line?  
 1) H, C    2) G, B    3) C, F    4) H, B    5) B, D
134. Four of the following five are alike in a certain way based on their seating positions in the above arrangement and so form a group. Which is the one that does not belong to that group?  
 1) F, E    2) B, H    3) A, B    4) E, C    5) Q, D
135. What is the position of B with respect to G?  
 1) Fourth to the right    2) Fourth to the left  
 3) Third to the left    4) Second to the right  
 5) None of these

136. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?

- 1) 19    2) 13    3) 23    4) 73    5) 37

137. Which of the following will come in place of question mark in the following series based upon English alphabetical order?

DEAB KLffl RSOP ?

- 1) YWVX    2) YZVW    3) TUWX  
 4) UVYZ    5) None of these

138. Tanu walks 20 m towards North. She turns right and then walks 30 m. Again, she turns right and walks 35 m, then she turns left and walks 15 m, then she turns left and walks 15 m before moving left and walking 15m. How far is she from the starting point and in which direction?

- 1) 30 m towards East    2) 20 m towards North  
 3) 25 m towards West    4) 30 m towards West  
 5) None of these

139. Tarun is older than Varun but not as old as Arun. Jai is older than Vijay but not as old as Varun. Who among them is the oldest?

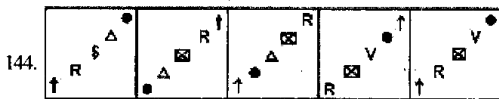
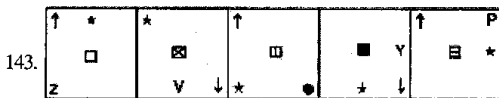
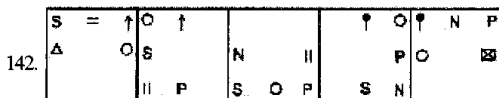
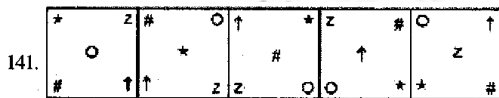
- 1) Tarun    2) Varan    3) Arun  
 4) Jai    5) Can't be determined

140. Pointing to a woman, Rishi said, "This woman is my sister's father's son-in-law's wife." How is the woman related to Rishi?

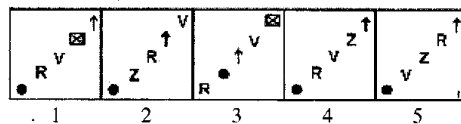
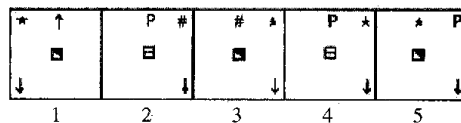
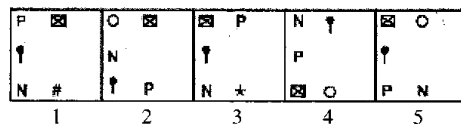
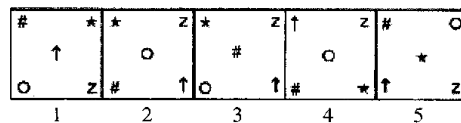
- 1) Mother    2) Sister    3) Wife  
 4) Aunt    5) Can't be determined

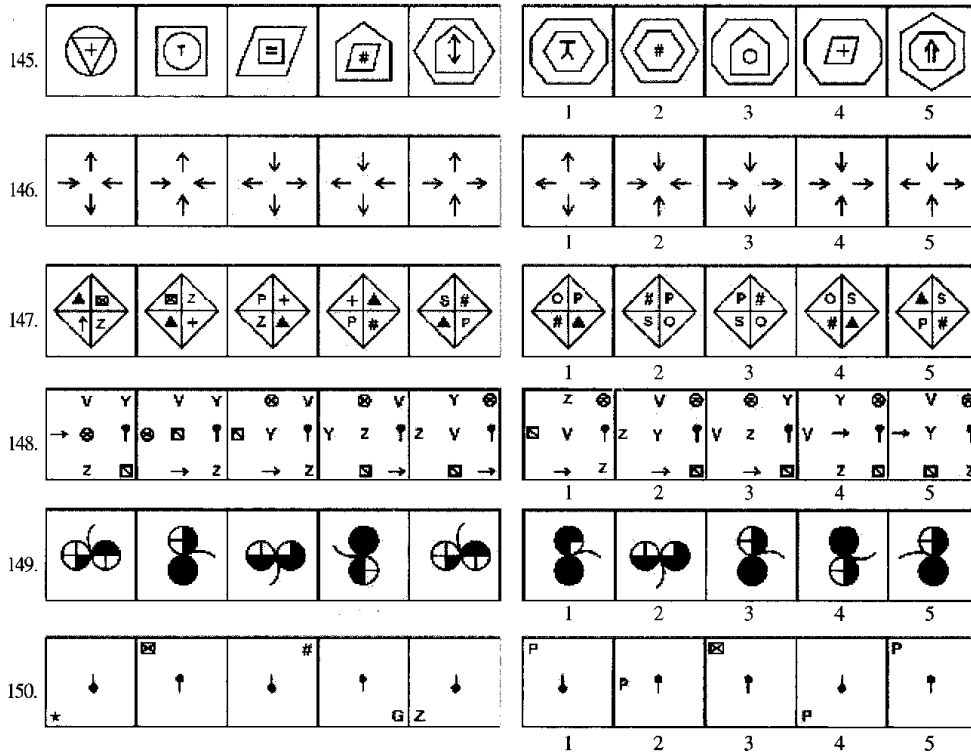
**Directions (Q. 141-150): In each of the questions given below, which one of the five Answer Figures on the right should come after the Problem Figures on the left, if the sequence were continued?**

**Problem Figures**



**Answer Figures**





### Test-IV: General Awareness with Special Reference to Banking Industry

151. 'Black Revolution' is related to  
 1) Making India self-reliant in pulses  
 2) Making India self-reliant in petroleum by accelerating the production of ethanol  
 3) Making India self-dependent in production of quality coal  
 4) Making India self-dependent in rubber  
 5) None of these
152. In which of the following states has "Rural Business Hub Scheme" been launched in collaboration with the Confederation of Indian Industry (CII)?  
 1) West Bengal 2) Assam 3) Uttar Pradesh  
 4) Manipur 5) Bihar
153. TINA factor is associated with  
 1) Banking 2) Politics 3) Sports  
 4) Diplomacy 5) Agriculture
154. For which of the following categories of banks has the committee headed by the RBI Deputy Governor KC

Chakravarty underlined the need for capitalisation to the tune of ₹2200 crore during 2011-12?

- 1) Cooperative Banks 2) Commercial Banks  
 3) Lead Banks 4) Regional Rural Banks  
 5) Housing Development Banks
155. Which public sector bank has recently launched a new scheme named 'Parivartan' so as to provide better services/facilities to its customers and to attract more and more new customers?  
 1) State Bank of India 2) Punjab National Bank  
 3) Bank of India 4) Oriental Bank of Commerce  
 5) Indian Bank
156. In which of the following years was a new "Liberalised Industrial Policy" announced in India for the first time?  
 1) 1986 2) 1991 3) 1992  
 4) 1993 5) 2005
157. In an oligopolistic or monopolistically competitive market, firms do not raise their prices because even a small price increase will lose many customers. Which of the following is the most suitable term used for this concept?  
 1) Supra-Competitive Pricing 2) Swing Demand  
 3) Kinked Demand 4) Imperfect Competition  
 5) None of these

158. Which of the following was the first deepwater block in India to start production?  
 1) Krishna Godavari D-6  
 2) Mahanadi deepwater block NEC-DWN-2002/1  
 3) SB-11  
 4) KG - DWN - 2005/2                      5) None of these
159. Which of the following represents a decrease in the owner's equity?  
 1) Issue of bonus shares  
 2) Redemption of the debentures  
 3) Redemption of the preferential shares  
 4) Purchase of a building  
 5) None of these
160. Which of the following will be a debit entry in India's balance of payments?  
 1) Imports of goods by India  
 2) Income of Indian investments abroad  
 3) Receipts of transfer payments  
 4) Exports of services by India  
 5) None of these
161. Yashaswini rural healthcare scheme is being implemented in which of the following states of India?  
 1) Andhra Pradesh                      2) Karnataka  
 3) Himachal Pradesh                      4) TamilNadu  
 5) West Bengal
162. Which of the following sectors has the largest contribution in Gross Domestic Savings in India?  
 1) Public sector                      2) Households  
 3) Private sector corporates                      4) Unorganised sector  
 5) Foreign remittances
163. Which of the following state Governments in India have recently tabled a stringent land bill via which it bans the land acquisition by the state government for private projects, restricting itself to projects of "public purpose", including internal security?  
 1) Gujarat                      2) West Bengal                      3) Maharashtra  
 4) Delhi                      5) Uttar Pradesh
164. As per the new Mining Bill recently approved by the Union Cabinet, what fraction of the profits has to be shared by the coal miners with tribals?  
 1) 10%                      2) 18%                      3) 26%                      4) 33%                      5) 40%
165. Neelima Mishra has recently won which of the following awards?  
 1) Ramon Magsaysay Award  
 2) Shanti Swaroop Bhatnagar Award  
 3) Indira Gandhi Award for National Integration  
 4) Right Livelihood Award  
 5) Indira Gandhi Award for International Understanding
166. Which of the following don't come under the purview of Right to Education?  
 1) Government Schools  
 2) Private Schools  
 3) Madrasas  
 4) Government schools funded by private funds  
 5) None of these
167. The growers of which of the following commodities in India are awarded with ProfKM Chandy Memorial Award in India?  
 1) Coffee                      2) Coconut                      3) Rubber  
 4) Cocoa                      5) Tea
168. ASHA is a Government of India Scheme related to which of the following flagship programmes?  
 1) Mahatma Gandhi National Rural Employment Guarantee Scheme  
 2) National Rural Health Mission  
 3) Integrated Child Development Services Scheme  
 4) BharatNirman  
 5) None of these
169. Consider the following  
 (A) Central Government                      (B) State Governments  
 (C) Public Banks                      (D) Private Banks  
 (E) General Public  
 Who among the above can borrow from the RBI?  
 1) Only (A) and (B)                      2) Only (A), (B) and (C)  
 3) Only (C) and (D)                      4) Only (A), (B), (C) and (D)  
 5) All the above
170. Which of the following is NOT a function of commercial banks in India?  
 1) Selling National Saving Certificates  
 2) Purchasing Corporate Bonds  
 3) Operations in Call Money Market  
 4) Providing No-Frill Services  
 5) Lending to weaker sections and marginal farmers
171. Which of the following does not partner in Bharat Nirman?  
 1) Government of India                      2) State Governments  
 3) Panchayati Raj Institutions                      4) Private Entrepreneurs  
 5) All the above
172. Asset Reconstruction Company of India (ARCIL) has been launched to deal primarily with which of the following?  
 1) Infrastructure Lending                      2) Asset Planning  
 3) Non-performing Assets                      4) Credit Rating  
 5) Sick public sector units
173. Which of the following is NOT a must condition for a Scheduled Commercial Bank in India?  
 1) It should be in the Second Schedule of RBI Act 1934.  
 2) Its paid-up capital should be at least ₹1 cr.ore.  
 3) It must deposit with RBI as per the CRR.  
 4) It must have facilities of a clearing house.  
 5) All the above
174. The nationalisation of Banks in India took place in 1969 by  
 1) An Act of Parliament of India  
 2) An Ordinance Promulgated by President of India  
 3) An amendment of the Constitution of India  
 4) A notification by the Government of India  
 5) None of these
175. The slogan for Census 2011 was:  
 1) Everyone counts

- 2) You count, so we count  
 3) Count on me, everyone counts  
 4) Include me  
 5) One among one billion
176. Who has written the book *The Journey of Indian Micro-Financel*  
 1) Usha Thorat                      2) Vijay Mahajan  
 3) RS Arunachalam                4) D Subbarao  
 5) Subir Gokaran
177. Which Indian cricketer has launched his dream project "Centre of Excellence" at Pathways School in New Delhi?  
 1) Gautam Gambhir                2) Virendra Sehwag  
 3) Aashish Nehra                 4) Yuvraj Singh  
 5) Virat Kohli
178. Name the Chief Minister of Arunachal Pradesh who has resigned recently following a move of dissidents to oust him.  
 1) Dorjee Khandu                 2) Gegong Apang  
 3) Jarbom Gamblin                4) Mukut Mithi  
 5) Tomo Riba
179. In which city diplomats from 20 countries, including Pakistan and the US, and representatives of aid agencies are to attend a talk to chart the future course for war-torn Afghanistan after Western troops withdrawal?  
 1) Islamabad                      2) Istanbul                      3) Ankara  
 4) Bonn                              5) Washington
180. In which country has India planned to build a strategic 900-km-long railway line?  
 1) Myanmar                      2) Nigeria                      3) Namibia  
 4) Sri Lanka                        5) Afghanistan
181. To which drug-maker has India's drug regulator given conditional market approval for its anti-malaria drug, paving the way for the launch of the country's first privately-developed medicine?  
 1) SunPharma                      2) Cadila  
 3) Ranbaxy Laboratories        4) Natco Pharma  
 5) DrReddy's Lab
182. 2012 has been declared as the International Year of  
 1) Forests                         2) Cooperatives  
 3) Indigenous people            4) Developing countries  
 5) Downtrodden
183. Which state has launched 'Save the Girl Child' campaign recently?  
 1) Orissa                          2) Madhya Pradesh            3) Punjab  
 4) Delhi                            5) Uttar Pradesh
184. Who is the new Chief Minister of Arunachal Pradesh?  
 1) Nabam Tuki                      2) Dorjee Khandu  
 3) Mukut Mithi                      4) Jarbom Gamblin  
 5) Tomo Riba
185. According to the new procurement policy, what will be the mandated percentage of goods and services to be procured from micro and small enterprises (MSEs) by all government departments and public sector undertakings (PSUs)?  
 1) 20%                              2) 25%                              3) 30%                              4) 35%                              5) 40%
186. Which state government has embarked upon offering Nano cars, motorcycles, refrigerators, etc, in order to promote family planning, to those who opt for sterilisation?  
 1) Bihar                            2) Uttar Pradesh                3) Haryana  
 4) Rajasthan                      5) Meghalaya
187. Name the Indian-American lawyer, a Republican who serves as a Commissioner on the bipartisan Federal Communications Commission?  
 1) Sreenath Srinivasan            2) Ajit Varadaraj Pai  
 3) Swati Dandekar                4) Aran Jhaveri  
 5) Dalip Singh Saund
188. In which country has Abdel Rahim al-Keib been elected as the interim Prime Minister?  
 1) Tunisia                         2) Zambia                         3) Libya  
 4) Chile                            5) Thailand
189. In which country, after years of political instability, a five-year-old peace process has been concluded with the pledge to integrate the former armed rebels into security forces and provide suitable rehabilitation package to others left out?  
 1) Sri Lanka                        2) Libya                            3) South Sudan  
 4) Nepal                            5) Myanmar
190. Name the Russian two-time Grand Slam winner who has entered politics, with many predicting that he may become the President of the country one day.  
 1) Svetlana Kuznetsova            2) Igor Andreev  
 3) Dmitri Sitak                      4) Sergei Demekhine  
 5) Marat Safin
191. What is the theme for the 17<sup>th</sup> South Asian Association for Regional Cooperation (S AARC) Summit to be held in Male on November 10-11?  
 1) Fraternity of South Asia  
 2) Towards a Green and Happy South Asia  
 3) Providing Shelter to All  
 4) Building Bridges  
 5) Making South Asia Tourist Paradise
192. In which state is Nayachar Island proposed to be developed as an industrial hub?  
 1) Gujarat  
 2) Andaman and Nicobar Islands  
 3) Gujarat  
 4) Lakshadweep  
 5) West Bengal
193. Name the global sport-life style brand, which has been endorsed by the Indian cricketer Yuvraj Singh as the face of its '#Love 12' campaign?  
 1) Reebok                          2) Woodland                      3) RedTape  
 4) Adidas                            5) Puma
194. Which of the following Public Sector Giants of India has recently launched the "Harit-Moksha", a unique CSR initiative for bringing in energy efficiency in the cremation sector?  
 1) NTPC                            2) ONGC                            3) BIL  
 4) OIL                                5) NHPC

195. Lt Gen Palvinder Singh Bhalla was recently appointed the head of which of the following organizations?  
 1)ITBP      2)BSF      3)NCC  
 4)NSG      5)CISF
196. Recently, India has proposed a special \$10-billion Science, Technology and Innovation (STI) fund for which of the following organisations?  
 1)SAARC      2)BRICS  
 3)EBSA      4) Non-Aligned Movement  
 5)CHOGM
197. Against which newspaper of Goa, charges of carrying 'paid news' regularly have been lodged with the Press Council for action against it?  
 1) Gomantak Times      2) O Herald  
 3) Times of India      4) Deccan Herald  
 5)Goa365
198. Justice MB Shah Commission of Inquiry is probing into  
 1) 3G Spectrum Scam  
 2) Adarsh Housing Society Scam  
 3) Illegal iron ore mining in Karnataka  
 4) Illegal iron ore mining in Goa  
 5) Insider trading in Bombay Stock Exchange
199. In which country has there been widespread opposition to the government's Bill which aims at taking over under-performing, underutilised companies, if they have received tax breaks, got land from the government or they are prejudicial to the country's economy?  
 1)Pakistan      2)Iran      3)Malaysia  
 4) Sri Lanka      5) Nigeria
200. What is the rank of the Human Development Report, 2011, prepared by the United Nations Development Programme(UNDP)?  
 1)119      2)124      3)132      4)134      5)149
- Test -V: Computer Knowledge**
201. Robots used in automobile plants are classified as  
 1) perception systems      2) industrial robots  
 3) mobile robots      4) knowledge robots  
 5) None of these
202. All of the following are examples of word processing software except  
 1) Microsoft Excel      2) Microsoft Word  
 3) Corel WordPerfect      4) Writer  
 5) All are examples
203. To save an existing file with a new name or to a new location, you should use the \_\_\_\_\_ command.  
 1) Save      2) Save and Replace      3) New File  
 4) Save As      5) None of these
204. In a spreadsheet, the columns and a rows form individual boxes which are also known as  
 1) intersects      2) addresses      3) cells  
 4) worksheets      5) None of these
205. AVERAGE is an example of a  
 1) formula      2) function      3) field  
 4) table      5) None of these
206. Performing a "what-if" analysis is most commonly accomplished using \_\_\_\_\_ software.  
 1) spreadsheet      2) database      3) presentation  
 4) PIM      5) None of these
207. All of the following terms are associated with spreadsheet software except  
 1) worksheet      2) cell      3) formula  
 4) virus detection      5) None of these
208. System software does all of the following EXCEPT  
 1) help run the computer.  
 2) coordinate instructions between application software and the computer's hardware devices.  
 3) help manage system resources.  
 4) add graphics and pictures to files.  
 5) None of these
209. Software refers to a set of instructions that tells the computer what to do. These instruction sets are called  
 1) programs      2) databases      3) peripherals  
 4) devices      5) None of these
210. Microsoft Outlook and Lotus Organiser are examples of \_\_\_\_\_ software.  
 1) presentation  
 2) personal information manager (PIM)  
 3) database  
 4) communication  
 5) None of these
211. Microsoft PowerPoint and Corel Presentations are examples of \_\_\_\_\_ software.  
 1) spreadsheet      2) presentation      3) design  
 4) database      5) None of these
212. Microsoft Project is an example of \_\_\_\_\_ software.  
 1) personal financial  
 2) customer relationship management (CRM)  
 3) project management  
 4) personal information manager (PIM)  
 5) None of these
213. Software designed for a specific industry is known as \_\_\_\_\_ software.  
 1) multimedia      2) general business  
 3) project management      4) vertical market  
 5) None of these
214. QuarkXPress and Adobe InDesign are examples of \_\_\_\_\_ software.  
 1) image-editing      2) word processing  
 3) video-editing      4) desktop publishing  
 5) None of these
215. A table is a collection of related  
 1) files      2) worksheets      3) data  
 4) records      5) None of these
216. \_\_\_\_\_ software (sometimes called photo-editing software) allows users to make basic modifications to digital images such as removing red-eye.  
 1) Desktop publishing      2) Image-editing'  
 3) Word processing      4) Web page authoring  
 5) None of these

217. Computer-aided design (CAD) software can do all of the following except
- 1) designing and creating a Web page.
  - 2) allowing engineers to build virtual models.
  - 3) allowing engineers to create automated designs and model visualisations.
  - 4) work in conjunction with global positioning (GPS) systems.
  - 5) None of these
218. Microsoft Works is an example of a(n)
- 1) software suite.
  - 2) personal information manager.
  - 3) integrated software application package.
  - 4) limited software edition.
  - 5) None of these
219. Microsoft Office, Corel WordPerfect Office, and Lotus SmartSuite are examples of
- 1) software suites.
  - 2) open-source products.
  - 3) freeware products.
  - 4) personal information management applications.
  - 5) None of these
220. A good practice, before installing new software, is to make sure your \_\_\_\_\_ software is up-to-date.
- 1) Web browser
  - 2) utility
  - 3) virus protection
  - 4) control panel
  - 5) None of these
221. Which of the following is an example of course management software?
- 1) Blackboard
  - 2) Microsoft Outlook
  - 3) Encarta
  - 4) Adobe Acrobat
  - 5) None of these
222. An example of software that includes electronic checkbook registers and automatic bill payment tools is
- 1) Microsoft Project
  - 2) Microsoft Word
  - 3) Adobe Acrobat
  - 4) Intuit Quicken
  - 5) None of these
223. Small business owners who want software to assist in managing accounts payable, accounts receivable, and payroll will likely use which of the following software products?
- 1) Intuit QuickBooks
  - 2) OpenOffice
  - 3) Microsoft Word
  - 4) Microsoft Project
  - 5) None of these
224. Which of the following software products is most appropriate for designing interesting and attractive Web pages?
- 1) Microsoft Project
  - 2) Macromedia Dreamweaver
  - 3) Windows Media Player
  - 4) QuarkXPress
  - 5) None of these
225. Custom software, developed to address the specific needs of a company, is known as \_\_\_\_\_ software.
- 1) developmental
  - 2) privately owned
  - 3) copyrighted
  - 4) proprietary
  - 5) None of these
226. In the ESRB ratings, software that is suitable for ages six and older is rated
- 1) E (Everyone)
  - 2) AO (Adults Only)
  - 3) T (Teen)
  - 4) M (Mature)
  - 5) None of these
227. \_\_\_\_\_ software is used to make basic modifications to digital images such as removing red-eye and modifying contrast and sharpness.
- 1) Image-editing
  - 2) Digital audio
  - 3) Presentation
  - 4) Digital video
  - 5) None of these
228. WAV, WMA, and AIFF are examples of
- 1) encoder programs
  - 2) audio editing software
  - 3) text file formats
  - 4) audio file formats
  - 5) None of these
229. CAD software is most likely to be used by
- 1) Web designers
  - 2) engineers
  - 3) project managers
  - 4) magazine editors
  - 5) None of these
230. Microsoft Movie Maker and Apple iMovie HD are examples of moderately priced \_\_\_\_\_ software.
- 1) Web page authoring
  - 2) computer-aided design
  - 3) painting
  - 4) digital video editing
  - 5) None of these
231. A repair for a known software bug, usually available at no charge on the Internet, is called a(n)
- 1) version
  - 2) patch
  - 3) tutorial
  - 4) FAQ
  - 5) None of these
232. Copyrighted software that can be used for free is
- 1) shareware
  - 2) freeware
  - 3) groupware
  - 4) e-mail
  - 5) None of these
233. Software that allows a user to test it for an initial trial period at no charge is:
- 1) shareware
  - 2) groupware
  - 3) trialware
  - 4) freeware
  - 5) None of these
234. ESRB is a self-regulatory body established in 1994 to
- 1) develop entertainment software
  - 2) determine age-appropriate ratings for computer and video entertainment
  - 3) block inappropriate Web content from minors
  - 4) provide education
  - 5) None of these
235. \_\_\_\_\_ include(s) many different categories, such as action, puzzles, role-playing, sports, simulation, strategy, and virtual reality.
- 1) Computer games
  - 2) Video-editing software
  - 3) Image-editing software
  - 4) Multimedia software
  - 5) None of these
236. Forms that provide the basic structure for a particular kind of document are known as
- 1) wizards
  - 2) templates
  - 3) macros
  - 4) patches
  - 5) None of these
237. MapQuest and Yahoo! Maps are examples of \_\_\_\_\_ software.
- 1) entertainment
  - 2) educational
  - 3) multimedia
  - 4) Web-based application
  - 5) None of these

238. A good practice, before installing software on the Windows XP operating system, is to establish a(n)\_\_\_\_\_ so that if anything goes wrong during installation you can restore your system back to how it was before you started.
- 1) backup
  - 2) image
  - 3) restore point
  - 4) upgrade
  - 5) None of these
239. To resolve problems with Microsoft products, check the \_\_\_\_\_, an online collection of more than 250,000 articles written by Microsoft support professionals.
- 1) FAQs
  - 2) Knowledge Base
  - 3) integrated help
  - 4) manual
  - 5) None of these
240. The productivity software category includes all of the following except
- 1) word processing
  - 2) peripheral device management
  - 3) personal information management
  - 4) spreadsheet
  - 5) None of these
241. In a spreadsheet, equations you build yourself using mathematical operators along with values and cell references are called
- 1) formulae
  - 2) functions
  - 3) calculations
  - 4) values
  - 5) None of these
242. Programs from the same developer, sold bundled together, that provide better integration and share common features, toolbars, and menus are known as
- 1) software suites
  - 2) integrated software packages
  - 3) software processing packages
  - 4) personal information managers
  - 5) None of these
243. The type of educational software that uses a realistic environment as opposed to illustrated step-by-step instructions is known as
- 1) project management
  - 2) tutorial
  - 3) simulation-training
  - 4) course management
  - 5) None of these
244. A(n)\_\_\_\_\_ installation allows you to decide which features you wish to instal on the hard drive.
- 1) upgrade
  - 2) custom
  - 3) full
  - 4) new
  - 5) None of these
245. What is the most common type of compatibility that a software manufacturer will provide for new versions of their software?
- 1) Both backward and forward compatibility
  - 2) Neither backward nor forward compatibility
  - 3) Backward compatibility but not forward compatibility
  - 4) Forward compatibility but not backward compatibility
  - 5) None of these
246. When installing software, you must accept the \_\_\_\_\_ agreement before you can continue with the installation.
- 1) software licence
  - 2) Add/Remove Programs
  - 3) authorization
  - 4) download
  - 5) None of these
247. When available, the best way to remove an unwanted software application is to
- 1) use the application's uninstal program.
  - 2) change the name of the program.
  - 3) highlight and delete the program's desktop icon.
  - 4) locate the program's .exe file and delete it.
  - 5) None of these
248. \_\_\_\_\_ can be used to convert a file created in any application to a PDF fde so that anyone can view the file,! even if they don't have the application installed on their computer.
- 1) Corel Draw
  - 2) Adobe Acrobat
  - 3) WinZip
  - 4) StarOffice
  - 5) None of these
249. If you want software to assist in scheduling and managing the tasks and associated personnel for anf assignment, which of the following software products would you use?
- 1) Microsoft Project
  - 2) Microsoft FrontPage
  - 3) Palo Alto Software's Business Plan Pro
  - 4) Microsoft Visio
  - 5) None of these
250. File extensions are used in order to
- 1) identify the file type
  - 2) name of file
  - 3) identify the file
  - 4) ensure the filename is not lost
  - 5) None of these