

# INDIAN BANK P.O. EXAM

EXAM HELD ON: 02-01-2011

(BASED ON MEMORY)

## REASONING

**Directions (1-5) :** Study the following information to answer the given questions :

L, M, N, O, P, Q and R are sitting around a circle facing the centre. O is sitting between L and R, Q is second to the right of R and P is second to the right of Q. N is not an immediate neighbour of R.

- Which of the following is **not correct** ?  
 (1) R is second to the right of L  
 (2) M is second to the left of N  
 (3) L sits exactly between O and P  
 (4) P and N are immediate neighbours  
 (5) P sits to the opposite of N
- How many person's are seated between L and Q if we count anti-clockwise from L to Q ?  
 (1) One (2) Two  
 (3) Three (4) Four  
 (5) More than four
- Who is to the immediate left of P ?  
 (1) L (2) N  
 (3) M (4) O  
 (5) None of these

**4-5:** 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 the group ?

- (1) QPN (2) MOR  
 (3) LRO (4) RQM  
 (5) ROL
- (1) LP (2) RM  
 (3) MQ (4) NP  
 (5) OR

**Directions (6-10) :** Study the following information to answer the given questions :

A, B, C, X, Y, Z are seated in a straight line facing North. C is third to the right of Z and B sits second to the right of C. X sits to the immediate right of A.

- Which of the following represents the pairs of persons sitting exactly in the middle of the line ?

- |        |        |
|--------|--------|
| (1) XB | (2) ZB |
| (3) BX | (4) XC |
| (5) XY |        |
- What is X's position with respect to Z ?  
 (1) Immediate right of Z (2) Second to the left  
 (3) Third to the right (4) Second to the right  
 (5) None of these

- 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 the group ?

- |        |        |
|--------|--------|
| (1) ZA | (2) XC |
| (3) CY | (4) YB |
| (5) XA |        |

- How many persons are seated between A and C ?  
 (1) One (2) Two  
 (3) Three (4) Four  
 (5) None of these

- If A: X and Z: A, then Y:  
 (1) Y (2) B  
 (3) A (4) X  
 (5) None of these

**Directions (11-15) :** Study the following information to answer the given questions :

In a certain Code '8 2 9' means 'how art thou,' '9 5 8' means 'thou art good' and '1 5 8 7 3' means 'thy good and thou bad'.

- What may be the possible code for 'thy' ?  
 (1) 1 or 7 (2) 7  
 (3) 3 (4) 5  
 (5) 1 or 7 or 3
- What is the code for 'thou' ?  
 (1) 9 (2) 8  
 (3) 2 (4) 5  
 (5) None of these
- What is the code for 'how' ?  
 (1) 5 (2) 8  
 (3) 2 (4) 9

- (5) None of these
14. Which of the following may possibly be the code for 'thou no good' ?
- (1) 508 (2) 780  
(3) 507 (4) 708  
(5) None of these
15. What is the code for 'how good thou art' ?
- (1) 7589 (2) 8295  
(3) 7183 (4) 8795  
(5) Cannot be determined

**Directions (16-20) :** Below is given a passage followed by several possible inferences which can be drawn from the facts stated in the passage. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

Mark answer (1) If the inference is **"definitely true"** i.e. it properly follows from the statement of facts given.

Mark answer (2) If the inference is **"probably true"** though not **"definitely true"** in the light of the facts given.

Mark answer (3) If the **data is inadequate** i.e. from the facts given, you cannot say whether the inference is likely to be true or false.

Mark answer (4) If the inference is **"probably false"** though not **"definitely false"** in the light of the facts given.

Mark answer (5) If the inference is **"definitely false"** i.e. it cannot possibly be drawn from the facts given or it contradicts the given facts.

(Note : Each of the five questions has only one distinct answer, i.e. no two questions can have the same answer. If you get the same answer for more than one question, consider both again and decide which one of the two would more definitely be that answer and in the same way review the others also.)

Cardiovascular disease is so prevalent that virtually all businesses are likely to have employees who suffer from, or may develop, this condition. Research shows that between 50-80% of all people who suffer a heart attack are able to return to work. However, this may not be possible if they have previously been involved in heavy physical work. In such cases, it may be possible to move the employee to lighter duties, with appropriate retraining where necessary. Similarly, high-pressure, stressful work, even where it does not

involve physical activity, should also be avoided. Human Resource managers should be aware of the implications of job roles for employees with a cardiac condition.

16. Employees who suffer from cardiovascular disease are mostly unable to return to work.
17. Employees suffering from Cardiovascular diseases are unable to handle stressful situations.
18. Employees above the age of 50 are found to suffer from cardiovascular disease.
19. Physical and stressful work definitely leads to a heart attack.
20. Heart disease can affect employees in any type of business.

**Directions (21-25) :** Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

Give answer (1) If the data in statement **I alone** are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

Give answer (2) If the data in statement **II alone** are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Give answer (3) If the data **either** in statement I alone or in statement II alone are sufficient to answer the question.

Give answer (4) If the data even in **both** statements I and II together are **not** sufficient to answer the question.

Give answer (5) If the data in both statements I and II **together** are necessary to answer the question.

21. Who is oldest among Peter, Kevin, Joseph and Jason ?
- I. Jason is older than Peter and Joseph.  
II. Kevin is younger than Joseph.
22. How is 'happy' written in a code language ?
- I. 'I happy today' is written as 'ke ne que' and 'today happy day' is written as 'ke joi ne'.  
II. 'I play' is written as 'que pa'.
23. H is the mother of J. How is J related to V ?
- I. V is the only daughter of H.  
II. V is the sister of J.



24. What is the colour of white snow in a colour code ?  
I. Green is called Black, Black is called Blue, and Blue is called Red.  
II. Red is called White and White is called Orange.
25. Six people P, Q, R, S, T and U are seated around a circular table and are equidistant from each other. Who is second to the right of T ?  
I. P is to the immediate left of Q and Q sits opposite R.  
II. S is to the immediate left of U.

**Directions (26-31) :** Study the following information to answer the given questions :

J, P, Q, R, S, T, U and V are 4 married couples sitting in a circle facing the centre. The profession of the males within the group are lecturer, lawyer, doctor and scientist. Among the males, only R (the lawyer) and V (the scientist) are sitting together. Each man is seated besides his wife. U, the wife of the Lecturer is seated second to the right of V. T is seated between U and V. P is the wife of the Doctor. Q is not the doctor. S is a male.

26. Which of the following is P's position with respect to S ?  
(1) Second to the right      (2) Second to the left  
(3) Immediate right      (4) Immediate left  
(5) Third to the left
27. Which of the following is J's position with respect to T ?  
(1) Third to the left      (2) Fourth to the right  
(3) Third to the right      (4) Opposite T  
(5) Second to the right
28. Which of the following is **not true** regarding the couples ?  
(1) P is the wife of S  
(2) T is the wife of Q  
(3) R is the husband of J  
(4) J and S are seated adjacent to each other  
(5) All are true
29. The wives of which two husbands are immediate neighbours ?  
(1) UT      (2) SR  
(3) VQ      (4) RV  
(5) None of these
30. Four of the following are alike in a certain way based on their seating position in the above arrangement and so form a group. Which is the one that **does not** belong to the group ?  
(1) RSJ      (2) TRV  
(3) UTV      (4) SQP  
(5) UPQ

31. Who is the Lawyer's wife ?  
(1) T      (2) P  
(3) J      (4) U  
(5) None of these

**Directions (32-33) :** Study the following information to answer the given questions:

'TRAVEL' is related to 'UDKUSB' and 'CORNER' is related to 'MDQDPS'.

32. 'SURVEY' is related to \_\_\_\_\_  
(1) UDXSTV      (2) UXDTSV  
(3) TVSUDX      (4) UDXTVS  
(5) UDXVTS
33. 'GROUPS' is related to \_\_\_\_\_  
(1) TORHSP      (2) TOHRSP  
(3) TORPHS      (4) ROTHSP  
(5) ROTPHS

**Directions (34-40) :** Study the following information to answer the given question :

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement. (Single digit numbers are preceded by a zero. All other numbers are two digit numbers.)

Input : when 19 will you 07 be 40 coming 62 home 100 89.

Step I : be when 19 will you 07 40 coming 62 home 100 89

Step II : be 07 when 19 will you 40 coming 62 home 100 89.

Step III : be 07 coming when 19 will you 40 62 home 100 89.

Step IV : be 07 coming 19 when will you 40 62 home 100 89.

Step V : be 07 coming 19 home when will you 40 62 home 100 89.

Step VI : be 07 coming 19 home 40 when will you 40 62 home 100 89.

Step VII : be 07 coming 19 home 40 when 62 will you 40 62 home 100 89.

Step VIII : be 07 coming 19 home 40 when 62 will you 40 62 home 100.

Step VIII : is the last step of the arrangement of above input as the intended arrangement is obtained.

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

Input for the questions.

- 34-37: Input : next 57 problem 82 14 trend 02 purchase growth 41
34. How many steps would be needed to complete the arrangement ?  
 (1) V (2) VI  
 (3) VIII (4) VII  
 (5) Cannot be determined
35. Which of the following would be the final arrangement ?  
 (1) growth 02 next 14 problem 41 purchase 57 82 trend.  
 (2) growth next problem purchase trend 02 14 41 57 82.  
 (3) growth 02 next 14 problem 41 purchase 57 trend 82.  
 (4) growth 82 next 57 purchase 41 problem 14 next 02.  
 (5) None of these
36. Which of the following would be step ?  
 (1) 41 purchase 02 trend 14 82 problem 57 next growth.  
 (2) growth 02 next 57 problem 82 14 trend purchase 41.  
 (3) 41 growth next 57 problem 82 14 trend 02 purchase.  
 (4) growth next 57 problem 82 14 trend 02 purchase 41.  
 (5) growth next 57 purchase 82 14 trend 02 problem 41.
37. Which word/number would be the sixth position from the left end in Step III ?  
 (1) purchase (2) 14  
 (3) problem (4) 41  
 (5) trend
- 38-40: Input : just 14 and value 22 time 5 15
38. Which word/number would be at position 5 from the right end in Step III ?  
 (1) and (2) 15  
 (3) just (4) 14  
 (5) time
39. Which of the following would be step II of the arrangement ?  
 (1) and just value 14 22 time 5 15.  
 (2) and 5 just 14 value 22 time 15.  
 (3) and 5 just 14 time 15 22 value.  
 (4) and just value time 14 22 5 15.  
 (5) None of these
40. How many steps would be needed to complete the arrangement and which would be the last step ?

- (1) Step IV : and 5 just 14 time 15 value 22.  
 (2) Step V : and 5 just 14 time 15 value 22.  
 (3) Step V : 22 and 15 just 14 time 5 just.  
 (4) Step VI : and 5 just 14 time 15 value 22.  
 (5) None of these

**Directions (41-42) :** In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions.

**Mark answer If**

- (1) Only conclusion I follows.  
 (2) Only conclusion II follows.  
 (3) Either conclusion I or II follows.  
 (4) Neither conclusion I nor II follows.  
 (5) Both conclusions I and II follow.

41. **Statement :**  $E < F \leq G = H > S$

**Conclusions :** I.  $G > S$

II.  $F > H$

42. **Statement :**  $P \leq Q < W = L$

**Conclusions :** I.  $L > P$

II.  $Q \leq L$

**Directions (43-49) :** Study the following information to answer the given questions :

6 lectures are scheduled in a week starting from Monday and ending on Sunday of the same week. Computer Science is not on Tuesday or Saturday. Psychology is immediately after Organisational Behaviour. Statistics is not on Friday and there is one day gap between Statistics and Research Methods. One day prior to the schedule of Economics there is no lecture (as that day is the 'off' day and Monday is not the 'off' day.)

43. Which of the following is the last lecture scheduled ?  
 (1) Statistics (2) Research Methods  
 (3) Psychology (4) Cannot be determined  
 (5) None of these
44. If Wednesday is the 'off' day, the code would be 2-4, if Thursday was the 'off' day, the code would be 3-3. Taking into account the 'off' day which of the following code is correct ?  
 (1) 2 - 4 (2) 3 - 3  
 (3) 4 - 2 (4) Cannot be determined  
 (5) None of these
45. Which lecture is scheduled on Friday ?  
 (1) Economics (2) Psychology  
 (3) Computer Science (4) Cannot be determined  
 (5) None of these
46. How many lectures were scheduled between Economics and Psychology ?  
 (1) One (2) Two



- (3) Three (4) Cannot be determined  
(5) None of these
47. Which day is Computer Science scheduled ?  
(1) Monday  
(2) Wednesday  
(3) Thursday  
(4) Cannot be determined  
(5) None of these
48. Which day is the 'off' day ?  
(1) Tuesday  
(2) Wednesday  
(3) Friday  
(4) Cannot be determined  
(5) None of these
49. If someone wants to attend only two lectures out of Psychology, Research Methods and Computer Science but wants the two days to be successive (one after the other) then which lecture-combination may be selected ?  
(1) Research Methods, Computer Science  
(2) Psychology, Computer Science  
(3) Psychology, Research Methods  
(4) Any two of the three is possible  
(5) With the condition of successive day it is not possible
- Directions (50-52) :** In each question below is / are given statement /s followed by two assumptions/inferences numbered I and II. An assumption is something supposed or taken for granted. And an inference can be inferred from the given information. You have to consider the statement/s and the following assumptions/inferences and decide which of the assumptions / inferences is implicit in the statement/s.
- Give answer (1) if only I is implicit.  
Give answer (2) if only II is implicit.  
Give answer (3) if either I or II is implicit.  
Give answer (4) if neither I nor II is implicit.  
Give answer (5) if both I and II are implicit.
50. **Statement :** "Sometimes a person acting out of conviction, pursuing a dream, represents the spirit of an entire generation".  
I. One gets conviction out of one's action.  
II. Expectations of different generations are not the same.
51. **Statement :** "Take a recruitment system, for example. The company would make an offer to somebody it had rejected three months ago ! there was no recruitment database that kept record of that".

- I. It is possible to devise a system which would indicate those applicants who were rejected earlier.  
II. This company considers three months time too short a period to reconsider recruitment decisions about a candidate.
52. **Statement :** "Everyone does not need to build a 100 crore or 1000 crore company. Small vs big vs super is a choice that an entrepreneur makes herself/himself depending upon the ambitions, values and what she/he likes doing".  
I. The figures are for the turnover of the company.  
II. There is hardly any distinction between a small and a big company.
- Directions (53-56) :** Read the given statements carefully and answer the questions which follow.
53. After the government announced a compensatory policy for farmers in return for the acquisition of their land, the farmers demanded a written proof of the policy. Which of the following could possibly be a CAUSE for demanding the written proof?  
(1) The farmers were unable to contest the inadequate compensation for their land in earlier such policies.  
(2) The compensation promised in the policy was grossly inadequate.  
(3) The farmers were unwilling to surrender their lands to the government.  
(4) The farmers demand a certain percentage of share out of the revenue generated by the government off their lands.  
(5) The only option to enforce the government officials to frame a compensatory policy for the farmers was to demand a proof.
54. The number of cases concerning a non-contagious chemical poisoning is on the rise among local villages. Which of the following could possibly be a CAUSE of the statement given above ?  
(1) The government has ordered an immediate enquiry into the matter.  
(2) Unless timely treatment is provided to the patients the poisoning can prove to be fatal.  
(3) Many factories surrounding the village do not dispose off their wastes appropriately.  
(4) The only hospital in the area is not equipped to treat chemical poisoning related ailments.  
(5) a study done a couple of years ago had reported that a large number of farmers had stopped using chemical fertilizers owing to their ill-effects on health.



55. In a governmental initiative which started a couple of years ago, school teachers of a particular State were engaged in teaching the illiterate every evening after the regular school hours ?

Which of the following can be an EFFECT of the statement given above?

- (1) A report given to the State government a couple of years ago stated a high percentage of illiterate population as compared to some other States.
  - (2) Many teachers were motivated to join the scheme started by the government as the remuneration provided to them was attractive.
  - (3) Lack of accessibility to schools and extreme poverty were major causes of illiteracy in the State.
  - (4) Evening classes help individuals working as daily wagers attend classes after work.
  - (5) The literacy rate in the State has improved significantly this year.
56. Small grocery shop owners have gone on a day's strike in order to protest against the entry of a foreign retail store chain in the city.

Which of the following statements can be an EFFECT of the statement given above?

- (1) The small grocery shop owners perceive the big retail giants as sharks, trying to dominate the available market space.
- (2) Foreign investment in retail has shown a tremendous growth in India since a couple of years.
- (3) There have been several countries in which retail chain giants have totally wiped out small scale grocery shops.
- (4) The government agreed to take all political steps required to safeguard the interests of small scale retailers.
- (5) A recent survey indicated that a large number of people prefer to buy their daily grocery items from the nearby grocery stores rather than big retail chain stores.

**Directions (57-60) :** Read the following statements carefully and answer the questions which follow.

57. Real estate builders have refused to bring down the property prices as proposed by the government this year ?

Which of the following arguments would **strengthen** the stance taken by the builders?

- (1) Very few people ventured into buying properties this year owing to exorbitant prices set by the builders.
- (2) With the ever increasing cost of basic materials such as cement and steel, the profit of the builders has gone down by 48% this year.
- (3) The builders have earned huge profit in a governmental scheme for building low cost housing societies.
- (4) In a report published by a national daily, the margin of profit earned by a builder per square foot is as much as eighty percent of its cost price.
- (5) The builders have to necessarily abide by the decree of the government which controls the prices of the real estate.

58. The ministry of sports has been advised by a committee to take the highest award in the field of sports back from two players who were allegedly involved in match fixing.

Which of the following statements would **weaken** the argument put forward by the committee to the sports ministry ?

- (1) A good conduct in the past and a lack of evidence against the players make the case against them very weak.
  - (2) The ministry of sports has never declined the recommendations made by the committee earlier.
  - (3) Taking the award back from the players would set a good example to other players for avoiding such actions in the future.
  - (4) There have been past cases where the award had to be taken back from the players owing to some misconduct later on.
  - (5) the committee is constituted of some of the most respected and esteemed members from the fields of sports and politics.
59. Many organizations have been resorting to recruitment based upon performance at graduate/post-graduate level exams rather than conducting exams for the same purpose.

Which of the following statements would **strengthen** the argument given in the above statement ?

- (1) A recent study shows no link of past performance with the performance in recruitment exams.
- (2) The graduate/ post-graduate exams are considered to be severely deficient in training in job related environment.
- (3) Organisations which had undertaken recruitment on the basis of graduate / post graduate exams report a significant drop in the quality of the recruited employees.

- (4) Such policies would add to unemployment among students having below average performance in graduation or post-graduation.
- (5) Such policies could save time, money and resources of the organization which are wasted in the conduct of recruitment examinations.

60. According to a recent government directive, all bank branches in rural areas should be computerized.

Which of the following statements would weaken the government's argument?

- (1) Computerisation of bank branches in urban areas has helped in making their performance more efficient and fast.
- (2) Lack of skilled and qualified manpower has been suitably substituted by computers in banks.
- (3) Non-computerised bank branches in the rural areas have been proved to be as efficient as their computerized counterparts.
- (4) The government has introduced a special test for computer knowledge in all recruitment exams for banks.
- (5) Unemployment in the rural areas could be controlled by training more and more professionals in computers.

**Directions (61-75) :** 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?

61. Problem Figures

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| ABHOR | OABHS | SOATB | BSVOT | TPBVO |
|-------|-------|-------|-------|-------|

Answer Figures

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| ZTPBV | OTPBV | TOPBV | ZOPBV | ZOPVB |
|-------|-------|-------|-------|-------|

(1) (2) (3) (4) (5)

62. Problem Figures

|     |      |     |     |     |
|-----|------|-----|-----|-----|
| * P | □ Δ  | = □ | Δ Z | □ * |
| O □ | * O  | O * | = □ | Δ = |
| Δ = | = PP | Δ * | O O | Z   |

Answer Figures

|      |     |     |     |     |
|------|-----|-----|-----|-----|
| * Z  | O □ | Z T | O □ | Z O |
| = Δ  | Δ = | □ * | = Δ | □ * |
| □ OZ | * = | Δ Z | * = | Δ   |

(1) (2) (3) (4) (5)

63. Problem Figures

|   |     |     |   |   |
|---|-----|-----|---|---|
| P | O P | O * |   |   |
|   |     |     | O | * |

Answer Figures

|   |   |   |    |     |
|---|---|---|----|-----|
| * | Δ | * | *Δ | Δ * |
|---|---|---|----|-----|

(1) (2) (3) (4) (5)

Problem Figures

64.

|     |    |     |     |     |      |
|-----|----|-----|-----|-----|------|
| * P | □  | U T | □ R | C Δ | R    |
| □ Z | *  | T Z | R Z | U T | = Z  |
| U   | SP | CC  | *   | □   | UU T |

Answer Figures

|   |    |    |    |    |   |   |   |   |     |
|---|----|----|----|----|---|---|---|---|-----|
| Δ | U  | Δ  | U  | Δ  | R | Δ | R | Δ | U   |
| □ | O  | Z  | □  | O  | Z | □ | O | Z | T Z |
| R | CR | CU | CU | CR | Z |   |   |   |     |

(1) (2) (3) (4) (5)

Problem Figures

65.

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L O | Δ C | V U | P = | Z Δ | U C | * P | O □ | □ U | P C |
| V Z | = Δ | L S | * □ | S Z | Δ V | T = |     |     |     |
| □ P | U * | C Δ | O Z | = O | P V | C U | Δ □ | □ Δ | O * |

Answer Figures

|     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| V Δ | O = | V O | Δ = | V O | Δ = | V O | Δ S | V Δ | O = |
| Δ □ | S Δ | □ S | □ S | Δ C | S Δ | □ S | □ S | □ S | □ S |
| C U | P T | C P | U T | T P | U □ | C P | U T | T U | □   |

(1) (2) (3) (4) (5)

Problem Figures

66.

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| *   | =   | T □ | T = | Δ O | □ □ | □ O | □ Δ |
| O   | *   | =   | S   | D   |     |     |     |
| □ D | Δ D | Δ O | *   | □ T | □ T | * T | * S |

Answer Figures

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| * S | T Δ | □ O | * O | T * | S D | * S | T   |
| D   | □   | Δ   | T   | Δ   |     |     |     |
| Δ   | □ O | * S | T D | □ S | Δ □ | O D | □ O |

(1) (2) (3) (4) (5)

67. Problem Figures

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| ↓ ↓ ↓ | ↓ ↓ ↓ | ↓ ↓ ↓ | ↓ ↓ ↓ | ↓ ↓ ↓ |
| ↑ ↑ ↑ | ↑ ↑ ↑ | ↑ ↑ ↑ | ↑ ↑ ↑ | ↑ ↑ ↑ |

Answer Figures

|       |       |       |       |       |
|-------|-------|-------|-------|-------|
| ↑ ↑ ↑ | ↓ ↓ ↓ | ↓ ↓ ↓ | ↑ ↑ ↑ | ↓ ↓ ↓ |
| ↓ ↓ ↓ | ↑ ↑ ↑ | ↑ ↑ ↑ | ↓ ↓ ↓ | ↑ ↑ ↑ |

(1) (2) (3) (4) (5)



68. Problem Figures

|   |   |    |   |    |   |    |    |    |    |   |   |
|---|---|----|---|----|---|----|----|----|----|---|---|
| Z | * | PP | O | △△ | T | PP | O  | ZZ | *  | □ |   |
| O | △ | CT | Z | *  | C | =  | O* | □  | TC | P | O |
| U | T | =  | C | UU | * | Z△ | C  | UU | T  | △ |   |

Answer Figures

|   |   |   |   |   |   |   |    |    |   |   |   |   |   |
|---|---|---|---|---|---|---|----|----|---|---|---|---|---|
| Z | C | □ | C | Z | □ | O | ZZ | C  | □ | C | Z |   |   |
| T | U | * | T | U | * | * | U  | TT | △ | * | T | △ | * |
| △ | O | P | △ | O | P | △ | C  | PP | O | U | P | O | U |

(1) (2) (3) (4) (5)

69. Problem Figures

|   |   |   |   |   |   |    |   |   |   |
|---|---|---|---|---|---|----|---|---|---|
| △ | O | O | * | Z | * | △△ | R | Z | * |
|   |   |   |   |   |   |    |   |   |   |
| * | = | △ | * | Z | O | *  | Z | R | △ |

Answer Figures

|   |    |    |    |    |    |   |
|---|----|----|----|----|----|---|
| * | △△ | R* | □* | □* | □  |   |
|   |    |    |    |    |    |   |
| Z | R  | *  | ZZ | RZ | RZ | R |

(1) (2) (3) (4) (5)

70. Problem Figures

|   |   |   |   |   |    |   |    |   |    |   |   |   |   |   |
|---|---|---|---|---|----|---|----|---|----|---|---|---|---|---|
| = | Z | V | V | P | △△ | V | PP | U | ZZ | P | U |   |   |   |
| O | T | * | Z | O | T  | □ | =  | O | V  | □ | = | * | △ | □ |
| □ | U | △ | = | * | □* | T | Z△ | O | *  | O | = | V |   |   |

Answer Figures

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U | = | V | U | Z | P | U | B | V | U | □ | V | O | B | Z |
| P | * | △ | V | O | △ | P | * | △ | P | * | △ | P | * | △ |
| Z | □ | O | = | □ | * | Z | □ | O | Z | B | O | V | □ | U |

(1) (2) (3) (4) (5)

71. Problem Figures

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| U | B | ∩ | ∩ | L | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ |
| ↑ |   | U |   | B |   | L |   | ∩ |   | ∩ |
| ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ |

Answer Figures

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| ∩ | B | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ |
| ↑ |   | ∩ |   | ∩ |   | ∩ |   | ∩ |   | ∩ |
| L | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ | ∩ |

(1) (2) (3) (4) (5)

72. Problem Figures

|   |    |    |   |    |    |   |    |   |   |
|---|----|----|---|----|----|---|----|---|---|
| □ | *  | T  | Z | =  | □  | ■ | UT | P |   |
| △ | ■  | OO | △ | U* | Z  | = | △△ | = | O |
| Z | T* | □  | □ | T  | U* | □ | TU | = | ■ |
| U | =  | ■  | ■ | △  | O  | △ | ZZ | □ |   |

Answer Figures

|   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Z | ■ | = | ■ | Z | O | Z | ■ | = | ■ |   |   |
| U | * | U | * | △ | ■ | △ | * | U | * |   |   |
| △ | T | O | △ | □ | O | U | T | O | △ | □ | O |
| □ | = | T | Z | □ | = | □ | = | T | Z |   |   |

(1) (2) (3) (4) (5)

73. Problem Figures

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| □ | O | △ | T | P | C | T | * | Z | = | * | T | C | Z | P |
| * | = | C | P | Z | O | □ | P | C | △ | O | △ | Z | P | □ |
| * | = | C | P | Z | O | □ | T | * | C | O | = | * |   |   |

Answer Figures

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * | T | C | △ | = | C | △ | = | * | T | C | △ | = | C | △ | = | * | T |
| P | Z | P | Z | P | O | □ | Z | P | O | □ | Z | P | O |   |   |   |   |

(1) (2) (3) (4) (5)

74. Problem Figures

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| △ | * | * | △ | * | □ |   |   |
| O | * | △ | O | □ | O |   |   |
| □ | O | □ | △ | □ | O | * | △ |

Answer Figures

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| □ | □ | □ | □ | □ |   |   |
| O | △ | O | △ | △ | △ |   |
| △ | * | * | O | * | O | * |

(1) (2) (3) (4) (5)

75. Problem Figures

|    |   |   |   |   |   |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|---|---|---|---|---|
| Z* | U | △ | □ | O | △ | U | O | U | □ | U | △ | △ |
| Z* | U | △ | □ | O | △ | U | O | U | □ | U | △ | △ |
| Z* | U | △ | □ | O | △ | U | O | U | □ | U | △ | △ |

Answer Figures

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| U | △ | O | Z | □ | * | U | △ | O | Z | □ | * | O | U | △ | △ |   |
| U | △ | O | Z | □ | * | O | U | △ | Z | □ | * | Z | △ | O | U | △ |

(1) (2) (3) (4) (5)

### QUANTITATIVE APTITUDE

Directions (76-80) : What approximate value should come in place of the question mark (?) in the following questions ?

(Note : You are not expected to calculate the exact value.)

76.  $12959.998 \div 18.010 = ?$   
 (1) 840 (2) 990  
 (3) 570 (4) 680

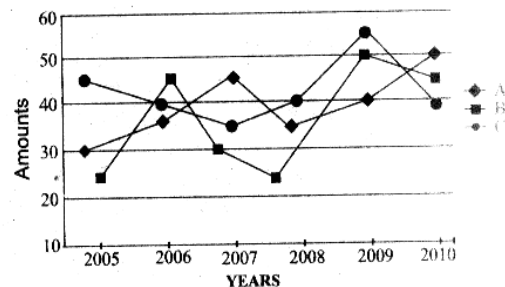
- (5) 720  
 77.  $40.005\% \text{ of } 439.998 + ?\% \text{ of } 655.011 = 228.5$   
 (1) 8 (2) 17  
 (3) 12 (4) 20 (5) 5  
 78.  $6894.986 + 5025.005 + 600.020 = ?$   
 (1) 12170 (2) 13540  
 (3) 12950 (4) 11560  
 (5) 12520



79.  $31.999 \times 12.001 \times 17.5001 = ?$   
 (1) 6600 (2) 6720  
 (3) 6480 (4) 6070  
 (5) 6270
80.  $(10.998)^3 = ?$   
 (1) 1440 (2) 1730  
 (3) 1330 (4) 1640  
 (5) 1000
81. Mrudul invested an amount of Rs. 29,500/- in order to start a business. Shalaka joined her 4 months later by investing an amount of Rs. 33,500/-. If the business earned a profit of Rs. 1,20,575/- at the end of two years, what was Mrudul's share of the profit?  
 (1) Rs. 60,725/- (2) Rs. 61,950/-  
 (3) Rs. 59,250/- (4) Rs. 58,625/-  
 (5) None of these
82. What is the least number that can be added to the number 1020 to make it a perfect square?  
 (1) 65 (2) 12  
 (3) 59 (4) 4  
 (5) None of these
83. Philip, Ton and Brad start jogging around a circular field and complete a single round in 18, 22 and 30 seconds respectively. In how much time will they meet again at the starting point?  
 (1) 8 mins. 15 secs. (2) 21 mins.  
 (3) 16 mins. 30 secs. (4) 12 mins.  
 (5) None of these
84. A water tank has three taps A, B and C. Tap A, when opened, can fill the water tank alone in 4 hours. Tap B, when opened, can fill the water tank alone in 6 hours and tap C, when opened, can empty the water tank alone in 3 hours. If taps A, B and C are opened simultaneously how long will it take to fill the tank completely?  
 (1) 10 hours (2) 8 hours  
 (3) 18 hours (4) 12 hours  
 (5) None of these
85. What total amount would Mithilesh get at the end of three years if he invests an amount Rs. 11,200/- in a scheme which offers simple interest @ 8.5 p. c. p. a. for three years?  
 (1) Rs. 14,056/- (2) Rs. 14,348/-  
 (3) Rs. 13,852/- (4) Rs. 15,064/-  
 (5) None of these
- Directions (86-90) :** What should come in place of the question mark (?) in the following question?
86.  $1111.1 + 111.11 + 11.111 = ?$   
 (1) 1232.231 (2) 1233.123

- (3) 1332.331 (4) 1323.132  
 (5) None of these
87.  $12.4 \times ? \times 16.5 = 2905.32$   
 (1) 13.4 (2) 15.2  
 (3) 16.2 (4) 14.2  
 (5) None of these
88.  $(?)^2 = 4913$   
 (1) 27 (2) 19  
 (3) 17 (4) 29  
 (5) None of these
89.  $8080 \div 80 \div 8 = ?$   
 (1) 800 (2) 12,625  
 (3) 10,545 (4) 808  
 (5) None of these
90. 25% of  $84 \times 24\%$  of 85 = ?  
 (1) 424.2 (2) 488.4  
 (3) 482.8 (4) 428.4  
 (5) None of these
91. Prasad sold his work tools for Rs. 1,850/- and earned a profit of 25 percent. At what price did Prasad buy the work tools?  
 (1) Rs. 1,360 (2) Rs. 1,300/-  
 (3) Rs. 1,240/- (4) Rs. 1,480/-  
 (5) None of these
92. What would be the cost building a fence around a square plot with area 462.25 sq.ft. at the rate of Rs. 34/- per foot?  
 (1) Rs. 2,924/- (2) Rs. 2,682/-  
 (3) Rs. 2,846/- (4) Cannot be determined  
 (5) None of these

**Directions (93-97) :** Study the following graph carefully to answer the question —



93. What is the average amount invested in the year 2009 by all three people together?  
 (1) Rs. 28,350/- (2) Rs.  $48,333 \frac{1}{3}$   
 (3) Rs.  $32,333 \frac{1}{3}$  (4) Rs. 45,000/-  
 (5) None of these

94. What is the percent decrease in the amount invested by C in the year 2007 from the previous year ?  
 (1) 11.3 (2) 13.5  
 (3) 12.5 (4) 14.3  
 (5) None of these
95. What is the respective ratio of total amount invested by B in the years 2008 and 2010 together to the total amount invested by C in those two years together ?  
 (1) 7 : 8 (2) 14 : 15  
 (3) 6 : 7 (4) 12 : 13  
 (5) None of these
96. The amount invested by A in the year 2006 is **approximately** What percent of the total amount invested by him over all the years together ?  
 (1) 15 (2) 19  
 (3) 21 (4) 8  
 (5) 11
97. What was the total amount invested by all the three people together in the year 2005 ?  
 (1) Rs. 10,000/- (2) Rs. 10,00,000/-  
 (3) Rs. 1,000/- (4) Rs. 100/-  
 (5) None of these

**Directions (98-102) :** Study the information given below and answer the questions that follow \_\_\_\_\_

A building consists of men and women who spend their leisure time in watching movies, learning dance and learning singing. 8 men, who from ten percent of the total number of men in the building, learn to dance. The total number of women in the building is 62.5 percent of the total number of men in the building. Twenty four percent of the total number of women learns to sing. One-fifth of the total number of women watches movies. The ratio of the number of men watching movies to the number of women doing the same is 13 : 2 respectively.

98. What is the respective ratio of the number of men learning dance to the total number of women doing the same?  
 (1) 8 : 1 (2) 5 : 9  
 (3) 2 : 7 (4) 3 : 5  
 (5) None of these
99. The total number of women in the building is **approximately** what percent of the total number of members (Men and women together) in the building ?  
 (1) 45 (2) 33  
 (3) 42 (4) 27  
 (5) 38
100. What is the number of women learning dance ?  
 (1) 28 (2) 22

- (3) 30 (4) 24  
 (5) None of these

101. The number of men who like watching movies is what percent of the total number of men in the building ?  
 (1) 79.75 (2) 83.45  
 (3) 81.25 (4) 72.15  
 (5) None of these
102. What is the total number of members (men and women together) learning singing ?  
 (1) 21 (2) 13  
 (3) 18 (4) 15  
 (5) None of these

**Directions (103-107) :** What should come in place of the question mark (?) in the following number series ?

103. 3 732 1244 1587 1803 1928 ?  
 (1) 2144 (2) 1992  
 (3) 1995 (4) 2053  
 (5) None of these
104. 16 24 ? 210 945 5197.5 33783.75  
 (1) 40 (2) 36  
 (3) 58 (4) 60  
 (5) None of these
105. 45030 9000 1795 355 68 ? 1.32  
 (1) 11.6 (2) 12.2  
 (3) 10.4 (4) 9.8  
 (5) None of these
106. 5 12 36 123 ? 2555 15342  
 (1) 508 (2) 381  
 (3) 504 (4) 635  
 (5) None of these
107. 8 11 17 ? 65 165.5 498.5  
 (1) 27.5 (2) 32  
 (3) 28 (4) 30.5  
 (5) None of these

**Directions (108-112) :** Each of the questions given below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question. read both the statements and \_\_\_\_\_

Given answer (1) if the data in statement I alone is sufficient to answer the question, while the data in statement II alone is not sufficient to answer the question.

Given answer (2) if the data in statement II alone is sufficient to answer the question, while the data in statement I alone is not sufficient to answer the question.



Given answer (3) if the data in statement I alone or in statement II alone is sufficient to answer the question.

Given answer (4) if the data in both the statements I and II is not sufficient to answer the question.

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

108. What is the salary of C, in a group of A, B, C, D and E whose average salary is Rs. 48,250/- ?

I. C's salary is 1.5 times B's salary.

II. Average salary of A B is Rs. 23,500/-.

109. What is the percent profit earned by selling a car for Rs. 6,40,000/- ?

I. The amount of profit earned on selling the car was Rs. 3,20,000/- .

II. The selling price of the car was twice the cost price.

110. What is the rate of interest p. c. p. a. ?

I. An amount of Rs. 14,350/- gives a simple interest of Rs. 11,480 in four years.

II. The amount doubles itself in 5 years with simple interest.

111. What is the two digit number ?

I. The difference between the two digits of the number is 9.

II. The product of the two digits of the number is 0.

112. What is the perimeter of the rectangle ?

I. The area of the rectangle is 252 sq. mts.

II. The ratio of length to breadth of the rectangle is 9 : 7 respectively.

**Directions (113-115) : Study the given information carefully to answer the questions that follow:-**

A committee of 6 teachers is to be formed out of 4 science teachers, 3 arts teachers and 3 commerce teachers. In how many different ways can the committee be formed if—

113. two teachers from each stream are to be included ?

- (1) 210                      (2) 180  
(3) 145                      (4) 96  
(5) None of these

114. no teacher from the commerce stream is to be included ?

- (1) 81                        (2) 62  
(3) 46                        (4) 84  
(5) None of these

115. any teacher can be included in the committee ?

- (1) 626                      (2) 718  
(3) 924                      (4) 844  
(5) None of these

**Directions (116-120) : Study the following table carefully to answer the questions that follow :-**

**Number of people (in hundreds) participating in the Annual fair from six different towns over the years**

| Year | Town |     |     |     |     |     |
|------|------|-----|-----|-----|-----|-----|
|      | P    | Q   | R   | S   | T   | U   |
| 2005 | 4.2  | 5.5 | 4.5 | 5.8 | 6.0 | 5.7 |
| 2006 | 5.1  | 5.3 | 6.2 | 5.7 | 6.1 | 6.2 |
| 2007 | 6.3  | 5.1 | 6.5 | 5.3 | 5.9 | 6.6 |
| 2008 | 4.4  | 5.0 | 5.9 | 5.1 | 5.3 | 5.1 |
| 2009 | 5.8  | 5.4 | 5.4 | 4.9 | 5.5 | 4.4 |
| 2010 | 6.2  | 6.8 | 4.9 | 4.8 | 5.7 | 4.3 |

116. Number of people participating in the Fair from town P in the year 2010 forms approximately what percent of the total number of people participating in the Fair from that town over all the years together ?

- (1) 19                              (2) 24  
(3) 27                              (4) 12  
(5) 15

117. What is the respective ratio of total number of people participating in the Fair from town S in the years 2006 and 2007 together to the number of people participating in the Fair from town R in the same years ?

- (1) 8 : 9                              (2) 110 : 127  
(3) 136 : 143                      (4) 11 : 12  
(5) None of these

118. What is the percent increase in the number of people participating in the Fair from town T in the year 2009 from the previous year ? (rounded off to two digits after decimal)

- (1) 4.15                              (2) 3.77  
(3) 1.68                              (4) 2.83  
(5) None of these

119. What is the average number of people participating in the Fair from town U over all the years together ? (rounded off to the nearest integer)

- (1) 515                              (2) 523  
(3) 567                              (4) 541  
(5) 538

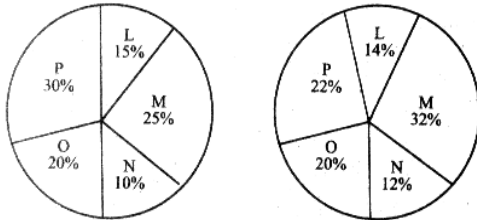
120. How many people participated in the Fair from all the towns together in the year 2005 ?

- (1) 3290  
(2) 3100  
(3) 3240  
(4) 3170  
(5) None of these

**Directions (121-125) :** Study the following pie-charts carefully to answer the questions that follow :-

**percentage break-up of number of children in five different villages and breakup of children attending school from those villages**

Total number of Children = 2040 Total Children Attending School = 1450



121. What is the respective ratio of total number of children from village O to the number of children attending school from the same village ?
- (1) 204 : 145
  - (2) 179 : 131
  - (3) 167 : 111
  - (4) 266 : 137
  - (5) None of these

122. What is the number of children attending school from village N ?
- (1) 145
  - (2) 159
  - (3) 170
  - (4) 164
  - (5) None of these
123. What is the total number of children not attending school from villages M and N together ?
- (1) 69
  - (2) 56
  - (3) 76
  - (4) 63
  - (5) None of these
124. What is the total number of children from villages P and M together ?
- (1) 1422
  - (2) 1142
  - (3) 1122
  - (4) 1211
  - (5) None of these
125. The number of children attending school from village L is **approximately** what percent of the total number of children from that village ?
- (1) 78
  - (2) 72
  - (3) 57
  - (4) 84
  - (5) 66

## GENERAL AWARENESS

126. On which one of the following 'Head of Expenses' the expenses of the Government of India are highest ?
- (1) Food subsidy
  - (2) Fertilizer subsidy
  - (3) Pradhan Mantri Gram Sadak Yojana
  - (4) Maintenance of national highways
  - (5) Oil subsidy
127. Which one of the following foreign agencies will assist the municipal agencies to improve quality of municipal schools through its School Excellence Programmes (SEP)?
- (1) IMF
  - (2) UNFP
  - (3) UNICEF
  - (4) ADB
  - (5) None of these
128. Which of the following carries out 'Open Market Operations' ?
- (1) Finance Ministry
  - (2) External Affairs Ministry
  - (3) Reserve Bank of India
  - (4) Planning Commission
  - (5) Ministry of Commerce
129. Who among the following Ministers will hold telecom portfolio in addition to his own portfolio till next reallocation ?
- (1) Kamal Nath
  - (2) Kapil Sibal
  - (3) Pranab Mukherjee
  - (4) Mamta Banerjee
  - (5) None of these
130. Under provisions of which one of the following Acts, the RBI issues directives to the Banks in India ?
- (1) RBI Act
  - (2) Banking Regulation Act
  - (3) Essential Commodities Act
  - (4) RBI and Banking Regulation Act
  - (5) None of these
131. Which one of the following tools is used by RBI for selective credit control ?
- (1) It advises banks to lend against certain commodities
  - (2) It advises banks to recall the loans for advances against certain commodities
  - (3) It advises banks to charge higher rate of interest for advance against certain commodities
  - (4) It discourages certain kinds of lending by assigning higher risk weights to loans it deems undesirable
  - (5) None of these
132. Four which one of the following Loan Products 'teaser loans' are offered by Banks ?
- (1) Education Loans
  - (2) Commercial Loans



- (3) Loans against security of gold  
(4) Retail Trade Loans  
(5) Home Loans
133. The Commonwealth games 2010 were held in Delhi from October 3 to 14, 2010. Who amongst the following picked up the Game's first gold medal ?  
(1) Augustina Nwaokolo (2) Ravinder Singh  
(3) Azhar Hussain (4) Carol Huynh  
(5) None of these
134. In which one of the following cities was the recent meet of G-20 countries organised ?  
(1) Tokyo (2) Seoul  
(3) London (4) Beijing  
(5) Singapore
135. As per recent newspaper reports, which one of the following countries (among the given) has highest literacy rate?  
(1) India (2) Sri Lanka  
(3) China (4) Vietnam  
(5) Bangladesh
136. Which one of the following has decided to give guarantee for infra loans ?  
(1) IDBI (2) SBI  
(3) IIFCL (4) SIDBI  
(5) None of these
137. In which one of the following States is the uranium project proposed to be set up ?  
(1) Manipur (2) Meghalaya  
(3) Orissa (4) Assam  
(5) Nagaland
138. Amongst 169 countries on Human Development Index, which one of the following is India's rank ?  
(1) 89 (2) 91  
(3) 119 (4) 129  
(5) 138
139. What is 'Kaveri' ?  
(1) India's indigeneous aircraft engine  
(2) India's low cost laptop  
(3) India's Air to Air Missile  
(4) India's guided Surface to Air Missile  
(5) Unmanned Aircraft acquired from Israel
140. An increasing finished good stock as % to sales of a manufacturing Company indicates that—  
(A) the market is getting competitive.  
(B) the quality of the goods is not upto the mark.  
(C) the production cost has increased.  
(D) the production has decreased.  
(1) Only (A) and (B) (2) Only (B) and (C)  
(3) Only (C) and (D) (4) Only (C)  
(5) Only (D) and (A)
141. Which one of the following has got RBI nod to issue pre-paid cards to its clients ?  
(1) LIC (2) GIC  
(3) SIDBI (4) NABARD  
(5) None of these
142. For which one of the following reasons is an amendment in Companies Bill 2009 proposed ?  
(1) To provide more powers to Department of Company Affairs  
(2) To provide regulatory powers to Department of Company Affairs  
(3) To make Indian Accounting Standards applicable with effect from 1.4.2001  
(4) To ensure smooth convergence of the Indian Accounting Standards with IFRS  
(5) None of these
143. As per recent newspaper reports, India's public debt rises 2.8 percent to Rs. 28 lakh crores. Which one of the following is the reason that has forced commercial banks to buy Government securities ?  
(1) Lack of credit growth  
(2) Increase in credit growth  
(3) Raising of repo rate  
(4) Raising of reverse repo rate  
(5) None of these
144. In which one of the following States Sariska Tiger Reserve is located ?  
(1) M. P. (2) U. P.  
(3) Orissa (4) Gujarat  
(5) Rajasthan
145. On which one of the following characters, Biometric security is based ?  
(1) finger prints and palm recognition only  
(2) Face recognition and voice recognition only  
(3) Hand writing and manual recognition only  
(4) Only (1) and (2)  
(5) All (1), (2) and (3)
146. Which one of the following may be the consequence of buying forex in the market by the RBI ?  
(1) It leads to inflation  
(2) It leads to control over inflation  
(3) It does not affect inflation  
(4) It results into deflation  
(5) None of these
147. Under provisions of which one of the following Act the Reserve Bank of India has the power to regulate, supervise and control the banking sector ?  
(1) RBI Act  
(2) Banking Regulation Act

- (3) Negotiable Instrument Act  
(4) RBI and Banking Regulation Act  
(5) None of these
148. Who amongst the following is the author of the book "The God of Small Things" ?  
(1) Chetan Bhagat  
(2) V. S. Naipul  
(3) Namita Gokhale  
(4) Kiran Desai  
(5) Arundhati Roy
149. Which one of the following has proposed \$ 11 billion infrastructure debt fund ?  
(1) NABARD  
(2) SBI  
(3) RBI  
(4) Ministry of Finance, Govt. of India  
(5) Planning commission
150. Myanmar's pro-democracy leader Suu Kyi is a—  
(1) 42 years old politician (2) Bharat Ratna  
(3) Military General (4) Nobel Prize winner  
(5) None of these
151. Which one of the following factors influence working capital of a unit ?  
(1) Seasonality of operations only  
(2) Production Policy only  
(3) Suppliers Term only  
(4) Only (1) and (2)  
(5) All (1), (2) and (3)
152. One of the following states is a major producer of spices—  
(1) Karnataka (2) Tamil Nadu  
(3) Kerala (4) Gujarat  
(5) Manipur
153. The NAV of a mutual fund—  
(1) is always constant  
(2) Keeps going up at a steady rate  
(3) Fluctuates with market price movements  
(4) Cannot go down at all  
(5) None of these
154. The expansion of TRAI is—  
(1) Telecom Regulations and Inspection  
(2) Transport Regulatory Authority of India  
(3) Train Regulatory Authority of India  
(4) Telecom Regulatory Authority of India  
(5) Transfer Regulations Act of India
155. ASBA, a facility while applying / submitting an application for purchase of shares under a public issue, is—  
(1) Applications Simple Balance Amount  
(2) Amount Saved and Balance in Account  
(3) Already Savings Blocked Amount  
(4) Applications Supported by Blocked Amount  
(5) None of these
156. A Saving Bank Deposit Account is one where—  
(1) Amounts are deposited and are withdrawn as per requirement of the customers.  
(2) The deposits are made only once in a year  
(3) Periodical Fixed amount are deposited month wise and withdrawals are allowed after a fixed period  
(4) All the above  
(5) None of these
157. Who is the Chief Minister of Maharashtra at present ?  
(1) Ashok Chavan  
(2) R. R. Patil  
(3) Vilasrao Deshmukh  
(4) Sushil Kumar Shinde  
(5) None of these
158. The expansion of CDMA is—  
(1) Calculated Division of Many Applications  
(2) Computer Divided Multiple Access  
(3) Code Diversified Memory Applications  
(4) Code Division Multiple Access  
(5) None of these
159. 'Merdeka Cup' is associated with the game of—  
(1) Tennis (2) Hockey  
(3) Badminton (4) Cricket  
(5) Football
160. Which of the following is a financial asset ?  
(1) Gold  
(2) Silver  
(3) Shares in a demat account  
(4) Land and buildings  
(5) None of these
161. Zero balance account is generally allowed to be opened for—  
(1) Salaried class (2) businessmen  
(3) foreign customers (4) children  
(5) Senior Citizens
162. In Deposits Account 'KYC' (Know Your Customer) has been implemented in 2002 as per directive of —  
(1) IBA (2) RBI  
(3) Ministry of Finance (4) SEBI  
(5) IRDA
163. The regulator of the banking system in India is—  
(1) AMFI (2) Finance Minister  
(3) SEBI (4) IBA  
(5) RBI
164. Ten Rupee notes contain the signature of—



- (1) Finance Secretary, GOI  
(2) Chairman, State Bank of India  
(3) Governor, Reserve Bank of India  
(4) Finance Minister, GOI  
(5) Prime Minister
165. Statue of Liberty is the national monument of—  
(1) Italy (2) Australia  
(3) France (4) Denmark  
(5) USA
166. Loan against the security of immovable property is by executing an agreement of—  
(1) Assignment (2) Pledge  
(3) Transfer (4) Mortgage  
(5) None of these
167. Credit Rating—  
(1) is used to rate the borrowers while giving advances.  
(2) is used to work out performance of the employees.  
(3) is used to calculate the number of excellent audit rated branches.  
(4) is NOT used in any Bank.  
(5) is necessary before giving promotion to employees
168. Who amongst the following is the recipient of the 'Dadasaheb Phalke Award – 2010' ?  
(1) Javed Akhtar  
(2) Amitabh Bachchan  
(3) Gulzar  
(4) Hema Malini  
(5) None of these
169. In Corporate Hedging, which one of the following types of risks can be covered ?  
(1) Liquidity risk (2) Currency risk  
(3) Credit risk (4) Transaction risk  
(5) None of these
170. Bank of Rajasthan is now merged with which of the following banks ?  
(1) AXIS Bank (2) IDBI Bank  
(3) ICICI Bank (4) HDFC Bank  
(5) None of these
171. As per GDP figures on calendar year basis, according to World Bank, which one of the following economies will have highest GDP growth in the year 2011 ?  
(1) US (2) China  
(3) Japan (4) India  
(5) Brazil
172. In respect of infrastructure bonds issued under provisions of Section 80 CCF of the Income Tax Act, what is the **maximum** amount (Rs. in thousands) upto which these bonds can be covered ?  
(1) 30 (2) 20  
(3) 40 (4) 50  
(5) None of these
173. Which of the following is full form of the abbreviation 'IFRS' as used in corporate / finance sector ?  
(1) Indian Financial Reconciliation Standards  
(2) Interpretation and Formal Reporting System  
(3) International Financial Reporting Standards  
(4) International Financial Reporting System  
(5) None of these
174. As per the new guidelines issued by SEBI, companies are required to list shares within how many days of the closure of the Initial Public Offers (IPOs) ?  
(1) 60 days  
(2) 12 days  
(3) 30 days  
(4) 45 days  
(5) None of these
175. RTGS stands for—  
(1) Real Time Gross Settlements  
(2) Reduced time Gross Settlements  
(3) Relative Time Gross Settlements  
(4) Real Total Gross Securities  
(5) None of these

## ENGLISH LANGUAGE

**Directions (176-185) :** In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words / phrases are suggested, one of which fits the blank appropriately. Find out the appropriate word / Phrase in each case.

Information technology, and the hardware and software (176) with the IT industry, are an (177) part of nearly (178) major global industry. IT industry has become one of the most robust industries in the world.

IT, more than any other industry or economic (179) has an increased productivity, particularly in the developed world, and therefore is a key driver of global Economic growth. Economies of scale and (180) demand from both consumers and enterprises (181) this rapidly growing sector. The Information Technology Association of America (ITAA) explains 'information technology' as (182) all possible aspects of information systems based on computers. Both software development and the hardware involved

the IT industry include everything from computer systems, to the design, implementation, study and development of IT and management systems. (183) to its easy accessibility and the wide range of IT products available, the demand for IT services has increased (184) over the years. The IT sector has emerged as a major global (185) of both growth and employment.

176. (1) use (2) amalgamation  
(3) associated (4) vision,  
(5) regulated
177. (1) integral (2) fundamental  
(3) increased (4) vital  
(5) eager
178. (1) most (2) all  
(3) every (4) few  
(5) some
179. (1) world (2) opinion  
(3) stature (4) profit  
(5) facet
180. (1) multiply (2) insatiable  
(3) decrease (4) unquenchable  
(5) unreasonable
181. (1) forage (2) thwart  
(3) motivate\* (4) fuelling  
(5) characterize
182. (1) making (2) qualifying  
(3) inclusive (4) encompassing  
(5) trusting
183. (1) Owing (2) Since  
(3) Catering (4) In order  
(5) Complementing
184. (1) regularly (2) substantially  
(3) minimally (4) exponential  
(5) savagely
185. (1) fortune (2) meltdown  
(3) spring (4) source  
(5) economy

**Directions (186-190) :** Which of the 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.

186. The actress, who was in the city for the press conference of her dance reality show, says she chose the show because of her **passionate for dance**.  
(1) being passion in dance  
(2) passionate for dancing

- (3) being passionate in dancing  
(4) passion for dance  
(5) No correction required

187. **Despite** of several representations and reminders, the district administration had not taken any action to stem the systematic encroachment of water bodies.

- (1) Because of (2) Despite  
(3) Although (4) In spite  
(5) No correction required

188. While it is well-known that there are large-scale leakages from the public distribution system across the country, **three** are many states which have **manage successful reform** the public distribution system and deliver food grain to the poor.

- (1) managed to successfully reform  
(2) managed successful reforms  
(3) managed successfully to reform  
(4) managed for successfully reforming  
(5) No correction required

189. The four-day workshop is being conducted for gear **up** administration to the changes that will follow with the implementation of the Right to Compulsory and Free Education Act 2009.

- (1) so geared up  
(2) to gear up  
(3) for geared up  
(4) to gearing up  
(5) No correction required

190. The court refused **provide relieve** to the petitioner and stated that plying of all diesel vehicles was banned with immediate effect.

- (1) provision of relief  
(2) providing of relieve  
(3) provide any relief  
(4) provide relieving  
(5) No correction required

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

- (A) Building of these structures requires a lot of fuel to be burnt which emits a large amount of carbon dioxide in the atmosphere.  
(B) The major source of carbon dioxide is power plants.  
(C) Another twenty percent of carbon dioxide emitted in the atmosphere comes from burning of gasoline in the engines of vehicles.  
(D) Buildings, both commercial and residential represent a larger source of global warming pollution than the said cars and trucks.



- (E) The major cause of global warming is the emission of green house gases like carbon dioxide, methane, nitrous oxide etc. into the atmosphere.
- (F) These power plants emit large amounts of carbon dioxide produced from burning of fossil fuels for the purpose of electricity generation.
191. Which of the following should be the **SECOND** sentence after rearrangement ?  
 (1) E (2) D  
 (3) C (4) B  
 (5) A
192. Which of the following should be the **THIRD** sentence after rearrangement ?  
 (1) A (2) B  
 (3) C (4) D  
 (5) F
193. Which of the following should be the **FIRST** sentence after rearrangement ?  
 (1) A (2) B  
 (3) C (4) D  
 (5) E
194. Which of the following should be the **SIXTH** sentence after rearrangement ?  
 (1) A (2) B  
 (3) C (4) D  
 (5) E
195. Which of the following should be the **FOURTH** sentence after rearrangement ?  
 (1) E (2) D  
 (3) C (4) B  
 (5) A
- Directions (196-200) :** 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.
196. The protests were — at — awareness among the elite and the educated.  
 (1) held, generating (2) aimed, creating  
 (3) targeted, awakening (4) focused, building  
 (5) concentrated, producing
197. While it is — possible to inflation-index cash entitlements and food stamps, the — nature of food prices would make it a more difficult process than envisaged.  
 (1) theoretically, volatile (2) absolutely, stable  
 (3) hypothetically, slow (4) not, unpredictable  
 (5) notionally, established

198. The actress is — that she has not only acted opposite her childhood hero, but has also — out a song and recited a poem on-stage with the living legend.  
 (1) overjoyed, belted (2) morose, sung  
 (3) ecstatic, written (4) tense, prepared  
 (5) elated, made
199. — to popular belief that red meat makes humans —, scientists have found that it actually has a calming effect.  
 (1) Dissimilar, happy  
 (2) Opposite, intelligent  
 (3) Contrary, aggressive  
 (4) Comparable, hostile  
 (5) Sticking, violent
200. — an earlier judgement, the high court has directed the state government to identify natural water resources in the state and — all illegal encroachments on them.  
 (1) Remembering, establish  
 (2) Citing, remove  
 (3) Cancelling, build  
 (4) Quoting, destroying  
 (5) Furthering, maintain
- Directions (201-210) :** Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that parts is the answer. If there is no error, the answer is (5). (Ignore errors of punctuation, if any.)
201. Dress in black, (1)/ several students from the University took part (2)/ in a protest march in the city on Thursday as part (3)/ of a campaign against female infanticide (4). No error (5)
202. On the second day of the workshop, (1)/ participants does a situational analysis of the state (2)/ and spoke about their plan of action (3)/ for implementing the Act (4). No error (5)
203. The court has asked the authorities (1)/ to take appropriate steps to restore natural water resources (2)/ so that the water shortage problem (3)/ in the state can be solved (4). No error (5)
204. The poor experience in (1)/ neighbouring countries which have implemented (2)/ food stamp programmes should serve as (3)/ a deterrent on our country (4). No error (5)
205. The government has warned (1)/ that air pollution from vehicles and power stations (2)/ is reducing life



- expectancy in the country (3)/ in an average of six months (4). No error (5)
206. Closing the doors to a foreign citizen (1)/ seeking employment in India, the High Court on Thursday ruled (2)/ that it is not a foreign national's fundamental right (3)/ to get an employment visa in the country (4). No error (5)
207. The High Court of Thursday banned (1)/ plying of diesel-run vehicles (2)/ including safari cantors in the tiger sanctuary (3)/ with immediate effect (4). No error (5)
208. A new study has shown that kids (1)/ who have high body mass index are (2)/ more likelier to have high blood pressure, cholesterol and blood insulin levels (3)/ by the time they reach adolescence (4). No error (5)
209. For much of the developing world, (1)/ historically, environmentalism was seen as a luxury (2)/ rather than a necessity because (3)/ always the development imperatives was seen to be urgent (4). No error (5)
210. The Consumer Forum directed the Power Corporation to (1)/ compensate a complainant for the inconvenience (2)/ and mental agony who he had to suffer (3)/ because of the power officials' irresponsible attitude (4). No error (5)

**Directions (211-217) :** 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.

The modern world requires us to repose trust in many anonymous institutions. We strap ourselves in a flying tin can with two hundred other people not because we know the pilot but because we believe that airline travel is safe. Our trust in these institutions depends on two factors : skills and ethics. We expect that the people who run these institutions know what they are doing, that they build and operate machines that work as they are supposed to and that they are looking out for our welfare even though we are strangers.

When one of these factors is weak or absent, trust breaks down and we either pay a high price in safety-as in the Bhopal tragedy-or a large 'welfare premium' such as the elaborate security measures at airports. Trust-deficient environments work in the favour of the rich and powerful, who can command **premium** treatment and afford welfare premiums. Poor people can command neither; which is why air travel is safer than train travel, which in turn is safer than walking by road side.

Every modern society depends on the trust in the skills and ethics of a variety of institutions such as schools and colleges, hospital and markets. If we stopped believing in the **expertise** of our teachers, doctors and engineers, we will stop being a modern society.

As The Institution among institutions, it is the duty of the state to ensure that all other institutions meet their **ethical obligations**. The Indian state has failed in its regulatory role. Consequently, we cannot trust our schools to turn out good graduates, we cannot ensure that our colleges turn out well trained engineers and we cannot guarantee that our engineers will turn out to be good products.

Last year, I was invited to speak at an undergraduate research conference. Most of the participants in this conference were students at the best engineering colleges in the State. One student who was driving me back and forth **recounted** a story about the previous year's final exam. One of his papers had a question from a leading textbook to which the textbook's answer was wrong. The student was in a dilemma : should he write the (wrong) answer as given in the textbook or should he write the right answer using his own analytical skills. He decided to do the latter and received a zero on that question. Clearly, as the student had suspected, the examiners were looking at the textbook answer while correcting the examination papers instead of verifying its correctness.

The behaviour of these examiners is a breakdown of institutional morals, with consequences for the skills acquired by students. I say **institutional** morals, for the failure of these examiners is not a personal failure. At the same conference I met a whole range of college teachers, all of whom were cared about the education and welfare of their students. However, when put in the institutional role of evaluating an anonymous individual, they fail in fulfilling their responsibilities. When some of our best colleges are run in this fashion, is it any wonder that we turn out **unskilled** engineers and scientists ? If, as we are led to expect, there is a vast increase in education at all levels and the regulatory regime is as weak as it is currently, isn't it likely that the trust deficit is only going to increase ?

We are all aware of the consequences of ignoring corruption at all levels of society. While institutional failures in governance are obvious, I think the real problem lies deeper, in the failure of every day institutions that are quite apart from institutions that impinge on our lives only on rare occasions. It is true that our lives are made more **miserable** by



government officials demanding bribes for all sorts of things, but what about the everyday lying and cheating and breaking of rules with people who are strangers ?

Let me give you an example that many of us have experienced. I prefer buying my fruits and vegetables from roadside vendors rather than chain stores. To the vendor, I am probably an ideal customer, since I do not bargain and I do not take hours choosing the best pieces, instead, letting the vendor do the selecting. The market near my house is quite busy; as a result, most vendors are selling their wares to strangers. It takes a while before a particular vendor realises that I am a repeat customer. In such a situation trust is crucial. I have a simple rule : if a vendor palms off a bad piece whose defects are obvious, I never go back to that person again. It is amazing how often that happens.

In my opinion, the failure of institutional ethics is as much about these little abuses of trust as anything else. Everyday thievery is like roadside trash; if you let it accumulate the whole neighbourhood stinks.

211. What is the meaning of the phrase 'palms off' as used in the passage ?
- (1) steals from
  - (2) hides away from
  - (3) buys quickly
  - (4) acquires a good price for
  - (5) passes on by deception
212. Why, according to the author, do people repose trust in institutions they do not know ?
- (1) The marketing strategies adopted by these institutions make them trustworthy in the eyes of the public.
  - (2) Many other people before them have done the same thing thus they feel safe.
  - (3) People learn from the experiences of their richer counterparts who have availed of the services of these institutions.
  - (4) They believe that these institutions have the requisite knowledge and will act only in favour of the general public
  - (5) These institutions charge a very high price for the services they provide which leads people to trust them.
213. Why, according to the author, is the behaviour of examiners a breakdown of institutional morals ?
- (1) As the institution encourages examiners to give as little marks to students as possible.
  - (2) As the institution is responsible for not encouraging examiners to venture outside the rote process.

- (3) As the examiners are told do discourage students from being creative by the institution.
- (4) As the institution fails to provide adequate compensation to these hardworking examiners.
- (5) As the institution does not have information regarding right answers with it.

214. Which of the following is possibly the most appropriate title for the passage ?
- (1) Modifications in Institutional Ethics
  - (2) Little Deceptions Add to Larger Trust- Deficit
  - (3) India- A Country Without Ethics
  - (4) Failure of the Government
  - (5) College - As an Institution
215. Which of the following is NOT TRUE in the context of the passage ?
- (A) Despite being aware of the fact that clients will not return, fruit and vegetable vendors sell bad goods.
  - (B) Examiners are devoted to their jobs.
  - (C) Examiners deliberately mark correct answers as incorrect ones.
- (1) Only (A) and (C)
  - (2) Only (B)
  - (3) Only (A)
  - (4) Only (B) and (C)
  - (5) Only (C)
216. What, according to the author, happens when there is a breakdown of trust ?
- (A) Less affluent people have to compromise on quality.
  - (B) Our wellbeing is compromised
  - (C) We pay a higher price for services.
- (1) Only (A)
  - (2) Only (A) and (C)
  - (3) Only (B) and (C)
  - (4) Only (B)
  - (5) All (A), (B) and (C)
217. Which of the following reasons, make/s the author an ideal customer to a fruit and vegetable vendor ?
- (A) He/ she remains a regular customer of the same vendor.
  - (B) He/ she does not haggle for prices.
  - (C) He/ she finishes the selection of goods in a short time.
- (1) Only (B)
  - (2) Only (B) and (C)
  - (3) Only (C)
  - (4) Only (A) and (B)
  - (5) All (A), (B) and (C) are true



**Directions (218-225) :** 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.

Recently the World Bank and the Asian Development Bank (ADB) (218) separate Reports on poverty. The World Bank report (219) its benchmark of extreme poverty. By 25 cents from \$1 per person per day to \$1.25 per person a day. The ADB announced an even (220) benchmark of \$1.35 per person a day. These new benchmarks are (221) on surveys in the world's poorest countries.

Exports often like to (222) the poverty has declined of economic of economic growth in India and China. This is wrong and (223). In the past twenty-five years the poverty rate in India has (224) by less than one percentage point a year. (225) We use a poverty line of \$1 per person per day or \$ 1.25 per person per day makes little.

218. (1) declared (2) released  
(3) print (4) issue  
(5) publish
219. (1) heightened (2) announced

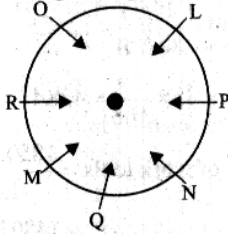
- (3) raised (4) maintained  
(5) notified
220. (1) better (2) significant  
(3) plausible (4) higher  
(5) lower
221. (1) based (2) collected  
(3) inferred (4) derived  
(5) gathered
222. (1) realise (2) claim  
(3) discover (4) recommend  
(5) criticise
223. (1) adverse (2) opposing  
(3) corrupt (4) rejected  
(5) misleading
224. (1) deplete (2) plunge  
(3) declined (4) weaken  
(5) fell
225. (1) Unless (2) Despite  
(3) Instead (4) Whether  
(5) Regardless

| <b>Answer Sheet</b> |          |          |          |          |          |          |          |          |          |
|---------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1. (5)              | 2. (3)   | 3. (1)   | 4. (5)   | 5. (1)   | 6. (4)   | 7. (4)   | 8. (5)   | 9. (1)   | 10. (2)  |
| 11. (5)             | 12. (2)  | 13. (3)  | 14. (1)  | 15. (2)  | 16. (4)  | 17. (5)  | 18. (3)  | 19. (5)  | 20. (1)  |
| 21. (5)             | 22. (4)  | 23. (3)  | 24. (2)  | 25. (5)  | 26. (4)  | 27. (1)  | 28. (2)  | 29. (3)  | 30. (3)  |
| 31. (3)             | 32. (4)  | 33. (1)  | 34. (4)  | 35. (3)  | 36. (4)  | 37. (5)  | 38. (4)  | 39. (2)  | 40. (1)  |
| 41. (5)             | 42. (1)  | 43. (5)  | 44. (5)  | 45. (5)  | 46. (1)  | 47. (3)  | 48. (5)  | 49. (5)  | 50. (1)  |
| 51. (4)             | 52. (1)  | 53. (5)  | 54. (3)  | 55. (4)  | 56. (1)  | 57. (2)  | 58. (3)  | 59. (5)  | 60. (1)  |
| 61. (2)             | 62. (4)  | 63. (5)  | 64. (1)  | 65. (2)  | 66. (2)  | 67. (3)  | 68. (2)  | 69. (1)  | 70. (1)  |
| 71. (3)             | 72. (1)  | 73. (1)  | 74. (4)  | 75. (2)  | 76. (5)  | 77. (1)  | 78. (5)  | 79. (2)  | 80. (3)  |
| 81. (2)             | 82. (4)  | 83. (3)  | 84. (4)  | 85. (1)  | 86. (5)  | 87. (4)  | 88. (3)  | 89. (2)  | 90. (4)  |
| 91. (4)             | 92. (1)  | 93. (2)  | 94. (3)  | 95. (1)  | 96. (1)  | 97. (5)  | 98. (3)  | 99. (5)  | 100. (1) |
| 101. (3)            | 102. (5) | 103. (2) | 104. (4) | 105. (1) | 106. (*) | 107. (*) | 108. (4) | 109. (3) | 110. (3) |
| 111. (5)            | 112. (5) | 113. (2) | 114. (4) | 115. (3) | 116. (1) | 117. (2) | 118. (2) | 119. (5) | 120. (4) |
| 121. (1)            | 122. (5) | 123. (3) | 124. (3) | 125. (5) | 126. (1) | 127. (3) | 128. (3) | 129. (2) | 130. (2) |
| 131. (4)            | 132. (5) | 133. (1) | 134. (2) | 135. (3) | 136. (3) | 137. (2) | 138. (3) | 139. (1) | 140. (1) |
| 141. (1)            | 142. (4) | 143. (1) | 144. (5) | 145. (1) | 146. (5) | 147. (2) | 148. (5) | 149. (5) | 150. (4) |
| 151. (4)            | 152. (3) | 153. (3) | 154. (4) | 155. (4) | 156. (1) | 157. (5) | 158. (4) | 159. (5) | 160. (3) |
| 161. (2)            | 162. (2) | 163. (5) | 164. (3) | 165. (5) | 166. (4) | 167. (1) | 168. (5) | 169. (2) | 170. (3) |
| 171. (2)            | 172. (2) | 173. (3) | 174. (2) | 175. (1) | 176. (3) | 177. (1) | 178. (3) | 179. (3) | 180. (4) |
| 181. (5)            | 182. (3) | 183. (1) | 184. (2) | 185. (4) | 186. (4) | 187. (2) | 188. (1) | 189. (2) | 190. (3) |
| 191. (4)            | 192. (5) | 193. (5) | 194. (1) | 195. (3) | 196. (2) | 197. (1) | 198. (5) | 199. (3) | 200. (2) |
| 201. (1)            | 202. (2) | 203. (4) | 204. (4) | 205. (4) | 206. (3) | 207. (3) | 208. (3) | 209. (4) | 210. (3) |
| 211. (5)            | 212. (4) | 213. (5) | 214. (2) | 215. (5) | 216. (3) | 217. (5) | 218. (2) | 219. (3) | 220. (4) |
| 221. (1)            | 222. (2) | 223. (5) | 224. (3) | 225. (4) |          |          |          |          |          |



# SOLUTIONS

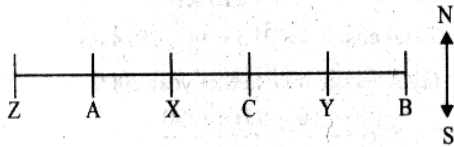
1 to 5 : The sitting arrangement will be as follow.



From figure

1. (5) 2. (3) 3. (1) 4. (5) 5. (1)

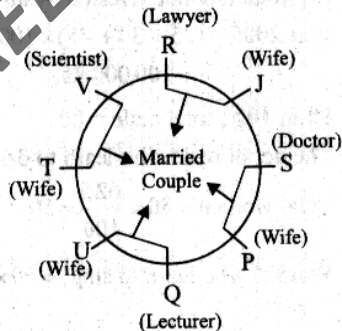
6 to 10 : The sitting arrangement in a straight line will be



from figure.

6. (4) 7. (4) 8. (5) 9. (1) 10. (2)  
 11 to 15 : 2 = how, 5 = good, 8 = thou, 9 = art  
 11. (5) 12. (2) 13. (3) 14. (1) 15. (2)  
 16. (4) Probably false.  
 17. (5) Definitely false  
 18. (3) Data is inadequate  
 19. (5) Definitely false  
 20. (1) Definitely true  
 21. (5) Statements I and II are necessary  
 22. (4) Statements I and II are not sufficient  
 23. (3) Either statement I or statement II is alone sufficient.  
 24. (2) Statement II is alone sufficient.  
 25. (5) Statements I and II are necessary.

26 to 31 : the sitting arrangement in a circle will be



from figure

26. (4) 27. (1) 28. (2) 29. (3) 30. (3) 31. (3)  
 32. (4) 33. (1)

34 to 37 : **Input**— next 57 problem 82 14 trend 02  
 purchase growth 41

Step I—growth next 57 problem 82 14 trend 02  
 purchase 41

Step II—growth 02 next 57 problem 82 14 trend  
 purchase 41

Step III—growth 02 next 14 57 problem 82 trend  
 purchase 41

Step IV—growth 02 next 14 problem 57 82 trend  
 purchase 41

Step V—growth 02 next 14 problem 41 57 82 trend  
 purchase

Step VI—growth 02 next 14 problem 41 purchase  
 57 82 trend

Step VII—growth 02 next 14 problem 41 purchase  
 57 trend 82

34. (4) 35. (3) 36. (4) 37. (3)

38 to 40 : input — just 14 and value 22 time 5 15

Step I— and just 14 value 22 time 5 15

Step II—and 5 just 14 value 22 time 15

Step III—and 5 Just 14 time value 22 15

Step IV—and 5 Just 14 time 15 value 22

38. (4) 39. (2) 40. (1)

41. (5) both conclusions I and II follow

42. (1) only conclusions I follows.

43 to 49 : the system of arrangement will be as follows—

Monday → Organisational Behaviour

Tuesday → Psychology

Wednesday → Statistics

Thursday → Computer Science

Friday → Research Methods

Saturday → off day

Sunday → Economics

From figure

43. (5) 44. (5) 45. (5) 46. (1) 47. (3) 48. (5)  
 49. (5) 50. (1) 51. (4) 52. (1) 53. (5) 54. (3)  
 55. (4) 56. (1) 57. (2) 58. (3) 59. (5) 60. (1)  
 61. (2) 62. (4) 63. (5) 64. (1) 65. (2) 66. (2)  
 67. (3) 68. (2) 69. (1) 70. (1) 71. (3) 72. (1)  
 73. (1) 74. (4) 75. (2)

76. (5)  $12959.998 + 18.010$   
 $= 719.6 = 720$  approx
77. (1)  $439.998 \times \frac{40.005}{100} + 656.011 \times \frac{x}{100} = 228.5$   
 $\Rightarrow 176.0211999 + 656.011 \times \frac{x}{100} = 228.5$   
 $\Rightarrow 656.011 \times \frac{x}{100} = 228.5 - 176.02$   
 $\Rightarrow x = \frac{52.48 \times 100}{656.011} = 7.99$   
 $\Rightarrow x = 8$  approx
78. (5)  $6894.986 + 5025.005 + 600.020$   
 $= 12520.011$
79. (2)  $31999 \times 12001 \times 17.5001$   
 $= 6720.38$
80. (3)  $(10.998)^3 = 1330.27$
81. (2) Ratio between their money  
 $= 29500 \times 24 \div 33500 \times 20$   
 $= 354 : 335$   
 So, Mrudul's share =  $\frac{120575 \times 354}{689} = 61950$  Rs.
82. (4)  $\because (31)^2 < 1020 < (32)^2$   
 So, 4 will be added to make a perfect square
83. (3) L.C.M. of 18, 22, 30 = 990 sec  
 So, time taken in meeting again from the starting point  
 $\Rightarrow 990 \text{ sec} = 16.30$  minute
84. (4) time taken to fill up the tank completely  
 $= \frac{1}{\frac{1}{4} + \frac{1}{6} + \frac{1}{3}} = \frac{1}{\frac{3+2-4}{12}} = \frac{12}{1} = 12$  hours
85. (1) S.I. =  $\frac{P \cdot R \cdot T}{100} = \frac{11200 \times 8.5 \times 3}{100} = 2856$  Rs.  
 So, Total amount =  $11200 + 2856 = 14056$  Rs.
86. (5)  $11111 + 11111 + 11111 = 1233.321$
87. (4)  $124 \times x \times 16.5 = 2905.32$   
 $\Rightarrow x = \frac{2905.32}{124 \times 16.5} = 14.2$
88. (3)  $x^3 = 4913$   
 $\Rightarrow x^3 = (17)^3$

- $\Rightarrow x = 17$
89. (2)  $8080 \div 80 \div 8$   
 $\Rightarrow 8080 \times \frac{1}{80} \times \frac{1}{8} = 126.25$
90. (4)  $80 \times \frac{25}{100} \times 85 \times \frac{24}{100} = 428.4$
91. (4) cost price of work tools =  $\frac{1850 \times 100}{125}$   
 $= 1480$  Rs.
92. (1) Let, side of the plot is  $x$  feet  
 $\because x^2 = 46225$   
 $\Rightarrow x = 215$  feet  
 Total cost =  $4 \times 215 \times 34 = 2924$  Rs.
93. (2) Average invested in year 2009  
 $= \frac{(40 + 50 + 55) \times 1000}{3}$   
 $= \frac{145 \times 1000}{3} = \frac{145000}{3} = 48333 \frac{1}{3}$  Rs.
94. (3) percent decrease in amount in 2007 by  $c$   
 $= \frac{(40 - 35) \times 100}{40} = \frac{5 \times 100}{40} = 12.5\%$
95. (1) Ratio between B and C in year 2008 and 2010 together  
 $= (25 + 45) \times 1000 : (40 + 40) \times 1000$   
 $= 70 : 80 = 7 : 8$
96. (1) Amount invested by A in years 2006 = 35000  
 Amount invested by A in total years  
 $= (30 + 35 + 45 + 35 + 40 + 50) \times 1000 = 235000$   
 Approx percent =  $\frac{35000 \times 100}{235000} = 14.89\% = 15\%$
97. (5) Total amount invested by all three people in year 2005 =  $(25 + 30 + 45) \times 1000$   
 $= 100,000$  Rs.
- 98 to 102 : total male = 80**  
 The no. of male who learn to dance = 8  
 Total women =  $80 \times \frac{62.5}{100} = 50$   
 Women who learn to sing =  $50 \times \frac{24}{100} = 12$   
 Women who watch T.V. =  $50 \times \frac{1}{5} = 10$   
 Women who learn to dance =  $50 - 22 = 28$



$$\text{Men who watch T.V.} = \frac{13 \times 10}{2} = 65$$

$$\text{Men who learn to sing} = 80 - 65 - 8 = 7$$

98. (3) Ratio between men and women who learn dance  
 $= 8 : 28 = 2 : 7$

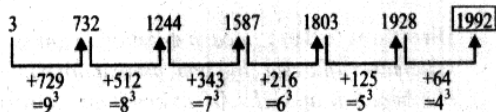
99. (5) percentage of women to the total members  
 $= \frac{50 \times 100}{130} = 38.4\%$

100. (1) The number of women learning dance = 28

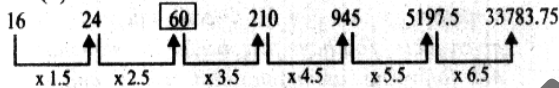
101. (3) percentage of men watching movies  
to the total men =  $\frac{65 \times 100}{80} = 81.25\%$

102. (5) Total members learning singing  
 $= 12 + 7 = 19$

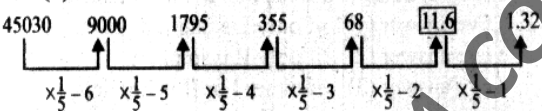
103. (2)



104. (4)



105. (1)



106. (\*)

107. (\*)

108. (4) Statements I and II are not sufficient.

109. (3) Statements I or II is alone sufficient

110. (3) Statement I or II is alone sufficient

111. (5) both statements I and II are necessary

112. (5) both statements I and II the necessary

113. (2) Total ways to be formed of a commette  
 $= {}^4C_2 \times {}^3C_2 \times {}^3C_2 = 6 \times 3 \times 10 = 180$

114. (4) Total ways when commerce stream is not included

$${}^9C_6 = \frac{!9}{16 \times 13} = \frac{9 \times 8 \times 7}{3 \times 2} = 84$$

115. (3) total ways when any teacher can be included

$$= {}^{12}C_6 = \frac{!12}{!6 !6} = \frac{12 \times 11 \times 10 \times 9 \times 8 \times 7}{6 \times 5 \times 4 \times 3 \times 2 \times 1} = 924$$

116. (1) Approx percentage of people of town in year 2010  
w.r. to total years

$$= \frac{6.2 \times 100 \times 100}{320 \times 100} = 19.37$$

117. (2) Ratio between the people of town S and town R in  
years 2006 and 2007 together

$$= 110 \times 100 : 127 \times 100 = 110 : 127$$

118. (2) percentage increase in year 2009 from town T

$$= \frac{0.2 \times 100}{5.3} = 3.77$$

119. (5) Average no. of people from town U over all years

$$= \frac{32.3 \times 100}{6} = 5383$$

120. (4) total number of people in year 2005

$$= 317 \times 100 = 31700$$

121. (1) Total children from village O

$$= 2040 \times \frac{20}{100} = 408$$

and Total children from village O going to school

$$= 1450 \times \frac{20}{100} = 290$$

So, respective ratio = 408 : 290 = 204 : 145

122. (1) The number of children attending school from  
village N

$$= 1450 \times \frac{12}{100} = 174$$

123. (3) Total children not attending the school from  
village M and N together

$$= \left( 2040 \times \frac{25}{100} - 1450 \times \frac{32}{100} \right) + \left( 2040 \times \frac{10}{100} - 1450 \times \frac{12}{100} \right)$$

$$= (510 - 464) + (204 - 174)$$

$$= 46 + 30 = 76$$

124. (3) Total number of children from village P and M

$$= 2040 \times \frac{30}{100} + 2040 \times \frac{25}{100}$$

$$= 612 + 516 = 1122$$

125. (5) Approx percentage of children attending school  
from the village L w.r. to total students

$$= \frac{1450 \times \frac{14}{100}}{2040 \times \frac{15}{100}} \times 100 = \frac{20300 \times 100}{2040 \times 15}$$

$$= 66.3$$

