

SBI PO's Preliminary Model Paper

TEST - I: ENGLISH LANGUAGE

Directions (1 – 5) : 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 them.

- (A) They have to, therefore, necessarily devise strategies for product differentiation and pricing, market segmentation and efficient portfolio management.
- (B) There is a great need for the banks to fully exploit these sectors to achieve a win-win situation for both - the farm and non-farm sector units and the banks.
- (C) The time has now come to consolidate on the gains of the past decades of nationalized banking.
- (D) This means banks will no longer be operating in a "seller's market".
- (E) Undoubtedly, an untapped and vibrant market for commercial banking exists in the farm and non-farm sectors of rural economy.
- (F) Then, and only then, could it be claimed that the nationalization has, at least to some extent, achieved the purpose of nationalization.
- (G) The present era of financial liberalization and globalized banking would entail that banks equip themselves to face
- Which of the following should be the **SECOND** sentence after rearrangement?
(1) G (2) F (3) E (4) D (5) C
 - Which of the following should be the **THIRD** sentence after rearrangement?
(1) G (2) F (3) A (4) D (5) B
 - Which of the following should be the **FIFTH** sentence after rearrangement?
(1) G (2) F (3) E (4) B (5) D
 - Which of the following should be the **FIRST** sentence after rearrangement?
(1) G (2) F (3) E (4) D (5) C
 - Which of the following should be the **SEVENTH** sentence after rearrangement?
(1) G (2) F (3) E (4) C (5) D

Directions (6 – 10): 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

With the announcement that he would donate Rs. 8,846 crore of his equity in the company to the philanthropic trust he controls, the founder and chairman of infotechgiant Wipro Ltd., AzimPremji has set the (6) very high for other mega rich businessmen of the country. The 28th richest man in the world, and India's third richest, could not have made a better and more sound investment choice than this. His AzimPremji Foundation is already working in the rural areas of the country to improve the quality of education and is not in the process of setting up a university for the poor. This (7) will be a welcome addition to the kitty of a sector that has the capability to transform India but is badly handicapped due to the lack of adequate funding. Other IT majors Infosys, MindTree, TCS and HCL also support programmes that support social equity. At a time when India's economic footprint on the global stage is rising, the gap between the different strata of society has also been increasing. This is not a positive development and the underprivileged sections need to be equipped with life skills so that they too can be a part of the growth story. A very basic requirement of this life skills development is to educate them and make them employable. The fact that most of the heads of these IT majors are (8) first generation entrepreneurs proves that education, more than anything else, is a great leveler. At the same time, the improved economic conditions will also push up people into the middleclass bracket and make India a much more attractive market. According to Forbes, which keeps a tab on the purses of the rich and famous, India has 69 billionaires. Yet how many consider philanthropy as a priority when it comes to spending? Industry reports indicate that Indians spend about Rs. 30,000 crore a year on charitable (9) and this includes the money spent by companies on their corporate social responsibility programmes. This is not enough and Indians, especially the corporate czars, have much more ability to give. In a foreword to Corporate Social Responsibility in India, MS Swaminathan correctly says: "Just as good ecology is good business, good philanthropy will also be good business in the long term." Should the country institutionalise CSR interventions to deal (10) malnutrition, education, health, employment and poverty? The government would welcome a helping hand, wouldn't it?

- (1) expectations (2) parameters (3) status (4) bar (5) task
- (1) take (2) interest (3) step (4) cause (5) endowment
- (1) seldom (2) consider (3) not (4) themselves (5) promoting
- (1) types (2) causes (3) trusts (4) donations (5) costs
- (1) against (2) with (3) in (4) of (5) off

Directions (11 – 15): Pick out the most effective pair of words from the given pair of words to make the sentence/sentences meaningfully complete.

- The teacher must the unique style of a learner in order to it to the desire knowledge.

- (1) advocate Direct (2) perpetuate Develop (3) appreciate focus
 (4) absorb Maintain (5) discover harness
12. He has sense of words. Therefore, the sentence he constructs are always with rich meaning.
 (1) profound Pregnant (2) distinguished Loaded (3) terrific tempted
 (4) meaningfulfull (5) outstanding consistent
13. He was an musician, had been awarded the George Medal during the second world war and with the title of Rai Bahadur.
 (1) outstanding Popularize (2) underestimated Declared (3) accomplished Honoured
 (4) impressive Assigned (5) obdurate proclaimed
14. If you are a, you tend to respond to stressful situations, in a calm, secure, steady and way.
 (1) resilient Rational (2) obdurate Manageable (3) propitious stable
 (4) delectable Flexible (5) supportive positive
15. If you are an introvert. you to prefer working alone and, if possible, will towards projects where you can work by yourself or with as few people as possible.
 (1) like Depart (2) advocate Move (3) tend gravitate
 (4) express Attract (5) feel follow

Directions (16 – 20): 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 part is the answer. If there is no error, the answer is (5). (Ignore errors of punctuation, if any).

16. The dense fog on Friday morning (1)/ forced the Airport Authority of India to divert (2) / eight flights, includes two international flights, (3)/ out of the International Airport (4)/ No error (5).
17. The civic authorities had scrapped the trade license (1)/ of a well known restaurant after investigation proved that (2)/ it had chopped down a full grown tree simple because (3)/ the tree was blocking the view of the restaurant. (4)/ No error (5).
18. Investigating officers have found (1)/ a lot of gaps between (2)/ the information they gather on their own (3)/ and the version of events narrated by the accused. (4)/ No en-or (5).
19. Only recently (1)/ did the manager realized that the (2)/ information provided to him (3)/ by his employees was fabricated. (4)/ No error (5).
20. The high court on Friday refused to (1)/ grant bail to the suspended IPS officer, who has been (2)/ in Jail since May this year (3)/ in connection of the fake encounter case. (4)/ No error (5).

Directions (21 – 30): 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.

Governments have traditionally equated economic progress with steel mills and cement factories. While urban centres thrive and city dwellers get rich, hundreds of millions of farmers remain mired in poverty. However, fears of food shortage, a rethinking of antipoverty priorities and the crushing recession in 2008 are causing a dramatic shift in world economic policy in favour of greater support for agriculture. The last time when the world's farmers felt such love was in the 1970s. At that time, as food prices spiked, there was real concern that the world was facing a crisis in which the planet was simply unable to produce enough grain and meat for an expanding population. Government across the developing world and international aid organisations **plowed** investment into agriculture in the early 1970s, while technological breakthroughs, like high-yield strains of important food crops, boosted production. The result was the Green Revolution and food production exploded. But the Green Revolution became a victim of its own success. Food prices plunged by some 60% by the late 1980s from their peak in the mid-1970s. Policy makers and aid workers turned their attention to the poor's other **pressing** needs, such as healthcare and education. Fanning got **starved** of resources and investment. By 2004, aid directed at agriculture sank to 3.5% and "Agriculture lost its glitter". Also, as consumers in high-growth giants such as China and India became wealthier, they began eating more meat, so grain once used for human consumption got diverted to beef up livestock. By early 2008, panicked buying by importing countries and restrictions **slapped** on grain exports by some big producers helped drive prices upto heights not seen for three decades. Making matters worse, land and resources got reallocated to produce cash crops such as bio fuels and the result was the voluminous reserves of grain **evaporated**. Protests broke out across the emerging world and fierce food riots toppled governments. This spurred global leaders into action. This made them aware that food security is one of the fundamental issues in the world that has to be dealt with in order to maintain administrative and political stability. This also spurred the U.S. which traditionally provisioned food aid from American grain surpluses to help needy nations, to move towards investing in farm sectors around the globe to boost productivity. This move helped countries become more productive for themselves and be in a better position to feed their own people. Africa, which missed out on the first Green Revolution due to poor policy and limited resources, also witnessed a 'change'. Swayed by the success of East Asia, the primary poverty-fighting method favoured by many policymakers in Africa was to get farmers off their farms and into modern jobs in factories and urban centres. But that strategy proved to be highly insufficient. Income levels in the countryside badly trailed those in cities while the FAO estimated that the number of poor going hungry in 2009 reached an all time high at more than one billion. In India on the other hand, with only 40% of its farmland irrigated, entire economic boom currently underway is held hostage by the unpredictable monsoon. With much of India's farming areas suffering from drought this year, the government will have a tough time meeting its economic growth targets. In a report, Goldman Sachs predicted that if this year too receives weak rains, it could cause agriculture to contract by 2% this fiscal year, making the government's 7% GDP-growth target **look "a bit rich"**. Another green revolution is the need of the hour and to make it a reality, the global community still has much backbreaking farm work to do.

21. What is the author's main objective in writing the passage?

- (1) Criticising developed countries for not bolstering economic growth in poor nations
 (2) Analysing the disadvantages of the Green Revolution
 (3) Persuading experts that a strong economy depends on industrialization and not agriculture
 (4) Making a case for the international society to engineer a second Green Revolution
 (5) Rationalising the faulty agriculture policies of emerging countries
22. Which of the following is an adverse impact of the Green Revolution?
 (1) Unchecked crop yields resulted in large tracts of land becoming barren
 (2) Withdrawal of fiscal impetus from agriculture to other sectors
 (3) Farmers began soliciting government subsidies for their produce
 (4) Farmers rioted as food prices fell so low that they could not make ends meet
 (5) None of these
23. What is the author trying to convey through the phrase "making the government's 7% GDP growth target look **a bit rich**"?
 (1) Indian is unlikely to achieve the targeted growth rate
 (2) Allocation of funds to agriculture has raised India's chances of having a high GDP
 (3) Agricultural growth has artificially inflated India's GDP and such growth is not real
 (4) India is likely to have one of the highest GDP growth rates
 (5) A large portion of India's GDP is contributed by agriculture
24. Which of the following factors was/were responsible for the neglect of the farming sector after the green revolution ?
 (A) Steel and cement sectors generated more revenue for the government as compared to agriculture.
 (B) Large scale protests against favouring agriculture at the cost of other important sectors such as education and health care.
 (C) Attention of policy makers and aid organisations was diverted from agriculture to other sectors.
 (1) None (2) Only (C) (3) Only (B) and (C) (4) Only (A) and (B) (5) All (A), (B) and (C)
25. Which of the following had contributed to exorbitant food prices in 2008?
 (A) Hoarding of food stocks by local wholesalers which inadvertently created a food shortage.
 (B) Export of food grains was reduced by large producers.
 (C) Diverting resources from cultivation of food grains to that of more profitable crops.
 (1) None (2) Only (C) (3) Only (B) (4) All (A), (B) & (C) (5) Only (B) and (C)
26. Which of the following is true about the state of agriculture in India at present?
 (A) Of all the sectors, agriculture needs the highest allocation of funds.
 (B) Contribution of agriculture to India's GDP this year would depend greatly upon the monsoon rains.
 (C) As India is one of the high-growth countries, it has surplus food reserves to export to other nations.
 (1) Only (A) and (C) (2) Only (C) (3) Only (B) (4) Only (B) and (C) (5) None of these

Directions (27 – 28): Choose the word/group of words which is most similar in meaning to the word printed in bold as used in the passage.

27. **SLAPPED**
 (1) Beaten (2) Imposed (3) Withdrawn (4) Avoided (5) Persuaded
28. **PLOWED**
 (1) Cultivated (2) Bulldozed (3) Recovered (4) Instilled (5) Withdrew

Directions (29 – 30): Choose the word /phrase which is most opposite in meaning to the word printed in bold as used in the passage

29. **PRESSING**
 (1) Unpopular (2) Undemanding (3) Unobtrusive (4) Unsuitable (5) Unimportant
30. **EVAPORATED**
 (1) Absorbed (2) Accelerated (3) Grew (4) Plunged (5) Mismanaged

TEST - II: QUANTITATIVE APTITUDE

Directions (31 – 35): In the following questions three equations numbered I, II and III are given. You have to solve all the equations either together or separately, or two together and one separately, or by any other method and give answer If

- (1) $x < y = z$ (2) $x = y < z$ (3) $x < y > z$
 (4) $x = y > z$ (5) $x = y = z$ or if none of the above relationship is established

31. I. $7x + 6y + 4z = 122$ II. $4x + 5y + 3z = 88$ III. $9x + 2y + z = 78$
 32. I. $7x + 6y = 110$ II. $4x + 3y = 59$ III. $x + z = 15$
 33. I. II. $2y + 3z = 33$ III. $6y + 5z = 71$
 34. I. $8x + 7y = 135$ II. $5x + 6y = 99$ III. $9y + 8z = 121$
 35. I. II. $x - y + z = 0$ III. $xy = 28$
36. 4 girls can do a piece of work in 8 days, 3 boys can do the same piece of work in 9 days, 7 men do the same piece of work in 2 days and 5 women can do the same piece of work in 4 days. Who is least efficient?
 (1) Boys (2) Girls (3) Women (4) Men (5) Boys and Men
- both
 37. The sum of eight consecutive even numbers of set-A is 376. What is the sum of different set of five consecutive numbers whose lowest number is 15 more than the mean of set-A?
 (1) 296 (2) 320 (3) 324 (4) 284 (5) None of these
38. The ratio between the adjacent angles of a parallelogram is 2 : 3 respectively. Half the smaller angle of the parallelogram is equal to the smallest angle of a quadrilateral. Largest angle of quadrilateral is four times its smallest angle. What is the sum of largest angle of quadrilateral and the smaller angle of parallelogram?
 (1) 252° (2) 226° (3) 144° (4) 180° (5) None of these
39. Raju purchases 550 ml of milk every day. If cost of one liter of milk is Rs 44, how much amount will he pay in 45 days?
 (1) Rs. 1,098 (2) Rs1,079 (3)Rs 1,099 (4) Rs 1,088 (5) None of these
40. In a school there are 2000 students out of whom 36 per cent are girls. Each boy's monthly fee is Rs480 and each girl's monthly fee is 25 per cent less than a boy. What is the total of the monthly fees of girls and boys together?
 (1) Rs 8, 73,400 (2) Rs 8, 67,300 (3) Rs 8, 76,300 (4) Rs 8, 73,600 (5) None of these

Directions (41 – 45): Study the information given in each of these questions to answer the questions.

41. Financial Information about a Company for two years

Which of the following can be inferred from the above?

- (1) The profit in both the years was same because the revenue and expenditure were also the same.
 (2) In spite of revenue being less in 2010, the profit was same as 2009 because the expenditure also was correspondingly less.
 (3) The profit and revenue in 2010 were slightly less than that of 2009.
 (4) The profit is entirely related to revenue.
 (5) The expenditure is directly related to revenue.

42. Food Type % of fat per 100 gms.

A	28
B	20
C	13

Which of the following diets would supply the most fat?

- (1) 200 gms of A and 300 gms of C (2) 200 gms of B and 200 gms of A
 (3) 100 gms of C and 300 gms of A (4) 300 gms of C and 100 gms each of A and B
 (5) 150 gms each of A, B and C

43. $A = x\%$ of y ; $B = y\%$ of x

Which of the following is true based on above?

- (1) A is greater than B (2) A is smaller than B
 (3) Relationship between A and B cannot be determined (4) If x is smaller than y then A is greater than B
 (5) None of these

44. Percentage of Male, Female, Literate and Illiterate

What is the difference between number of Literate Male and Literate Female?

- (1) 75,000 (2) 1,500 (3) 5,000 (4) 500 (5) None of these

None of these

45.

- (1) x is greater than y (2) y is greater than x only if $a < 1$
 (3) x is equal to y (4) x is equal to y only if $a < 1$
 (5) x is greater than y only if $a < 1$

Directions (46— 50): Study the given pie-charts carefully to answer the questions that follow:

Breakup of Number of Employees working in Different Departments of an Organisation, the Number of Males and the Number of Employees Who Recently Got Promoted In Each Department

Break-UP of Employees Working In Different Departments:

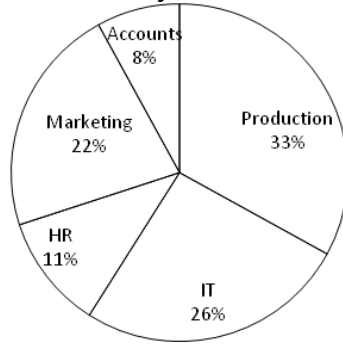
Total Number of Employees = 3,600
 Employees Working in different Departments

Break-UP of Number of Males in Each Department

Total Number of Males In the Organisation = 2,040
 Break-UP of Number of Males Working in each Department

Break-UP of Number of Employees who recently got promoted In Each Department

Total Number of Employees who got promoted = 1,200
Number of Employees Who Recently Got Promoted From Each Department



46. If half of the number of employees who got promoted from the IT department were males, what was the **approximate** percentage of males who got promoted from the IT department?
 (1) 61 (2) 29 (3) 54 (4) 42 (5) 38
47. What is the total number of females working in the Production and Marketing departments together?
 (1) 468 (2) 812 (3) 582 (4) 972 (5) None of these
48. How many females work in the Accounts department?
 (1) 618 (2) 592 (3) 566 (4) 624 (5) None of these
49. The total number of employees who got promoted from all the departments together was what percent of the total number of employees working in all the departments together? (Rounded off to the nearest integer)
 (1) 56 (2) 21 (3) 45 (4) 33 (5) 51
50. The number of employees who got promoted from the HR department was what percent of the total number of employees working in that department? (rounded off to two digits after decimal)
 (1) 36.18 (2) 30.56 (3) 47.22 (4) 28.16
 (5) None of these

Directions (51 – 55): What will come in place of question mark (?) in the given number series?

51. 1 2 5 16 65 ?
 (1) 312 (2) 294 (3) 326 (4) 482 (5) 257
52. 160 151 133 106 ? 25
 (1) 70 (2) 32 (3) 55 (4) 40 (5) 25
53. 16 ? 8 16 64 512
 (1) 12 (2) 10 (3) 32 (4) 8 (5) 24
54. 400 375 424 343 464?
 (1) 251 (2) 385 (3) 295 (4) 371 (5) 562
55. 68 36 20 12 ? 6
 (1) 5 (2) 8 (3) 10 (4) 9 (5) 4

Directions (56 – 60): Study the following graph carefully to answer these questions.

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

$$\% \text{ Profit} = \frac{\text{Profit earned}}{\text{Total Investment in the year}} \times 100$$

$$\text{Profit earned} = \text{Total Income} - \text{Total Investment in the year}$$

56. If the profit earned in 2006 by Company B was Rs. 8,12,500 what was the total income of the Company in that year?
 (1) Rs. 12,50,000 (2) Rs. 20,62,500 (3) 16,50,000 (4) Rs. 18,25,000 (5) None of these
57. If the amount invested by the two Companies in 2005 was equal, what was the ratio between total income in 2005 of the Companies A and B respectively?
 (1) 31 : 33 (2) 33 : 31 (3) 34 : 31 (4) 14 : 11 (5) None of these
58. If the total amount invested by the two Companies in 2009 was Rs. 27 lakhs, while the amount invested by Company B was 50% of the amount invested by Company A, what was the total profit earned by the two Companies together?
 (1) Rs. 21.15 lakhs (2) Rs. 20.70 lakhs (3) Rs. 18.70 lakhs (4) Rs. 20.15 lakhs (5) None of these
59. If the incomes of Company A in 2007 and 2008 were equal and the amount invested in 2007 was Rs. 12 lakhs, what was the amount invested in 2008?
 (1) Rs. 10,87,500 (2) Rs. 10,85,700 (3) Rs. 12,45,000 (4) Rs. 12,85,000 (5) None of these
60. If the amount of profit earned by Company A in 2006 was Rs. 10.15 lakhs, what was the total investment?
 (1) Rs. 13.8 lakhs (2) Rs. 14.9 lakhs (3) Rs. 15.4 lakhs (4) Rs. 14.2 lakhs (5) None of these

Directions (61 – 65): What approximate value will come in place of the question mark M in the following questions? (You are not expected to calculate the exact value).

61. (1) 1280 (2) 1440 (3) 1580 (4) 1540 (5) 1380
62. $41\% \text{ of } 601 - 250.17 = ? - 77\% \text{ of } 910$
(1) 800 (2) 500 (3) 700 (4) 650 (5) 550
63. $52001 \ 61 \ 29 = ? \ 41$
(1) 700 (2) 600 (3) 500 (4) 550 (5) 680
64. (1) 700 (2) 850 (3) 900 (4) 800 (5) 650
65. (1) 200 (2) 250 (3) 300 (4) 225 (5) 325

TEST - III: REASONING ABILITY

6. If it is possible to make a meaningful word with the second, the fourth, the sixth and the ninth letters of the word PERMEABILITY, which of the following will be the first letter of that word? If no such word can be formed give 'N' as the answer. If only two such words can be formed give 'D' as the answer and if more than two such words can be formed give 'Z' as the answer.
(1) M (2) L (3) N (4) D (5) Z
67. Which of the following has the same relationship as that of Money : Wealth ?
(1) Pity : Kindness (2) Cruel : Anger (3) Wise : Education (4) Pride : Humility (5) None of these
68. 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) Food : Hunger (2) Water : Thirst (3) Air : Suffocation (4) Talent : Education
(5) Leg : Lameness
69. In a certain code PATHOLOGIST is written as PIUBQKSRHFN. How is CONTROVERSY written in that code?
(1) SUOPDNXRQDU (2) SUOPDNZTSFW (3) QSMNBPXRQDU (4) QSMNBPZTSFW
(5) None of these
70. How many such pairs of digits are there in the number 95137248 each of which has as many digits between them in the number as when they are arranged in ascending order?
(1) None (2) One (3) Two (4) Three (5) More than three

Directions (71 – 74): 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.
- (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 either Statement I alone or in Statement II alone are sufficient to answer the question.
- (4) If the data in neither Statement I nor II are sufficient to answer the question.
- (5) If the data in both the Statements I and II together are necessary to answer the question.
71. Among P, Q, R, S and T, sitting in a straight line, facing North, who sits exactly in the middle of the line?
I. P sits third to left of S. T is an immediate neighbour of P as well as R
II. T sits second to left of S. Q is not an immediate neighbour of either T or S.
72. Among five friends A, B, C, D and E, sitting around a circular table, facing the centre, who sits to the immediate right of A?
I. E sits third to right of D. A is not an immediate neighbour of D.
II. C sits second to left of B. A is not an immediate neighbour of C.
73. Who amongst P, Q, R, S and T is the tallest?
I. P is taller than S and T but shorter than R. Q is taller than S.
II. T is taller than S. P is not the tallest.
74. Is 'EAST' the word formed after performing the following operations on a word containing these four letters ?
I. There is only one letter between A and T. E is to the left of A.
II. The word does not begin with T. There is only one letter between E and S. T is not an immediate neighbour of E.

Directions (75 – 76): Read the following information carefully and answer the questions which follow

- If 'A x B' means A is the son of B. If 'A + B' means A is the father of B.
If 'A > B' means A is the daughter of B. If 'A < B' means A is the wife of B.
75. Which of the following pairs of people represent first cousins with regard to the relations given in the expressions, if it is provided that A is the sister of J

'L > V < J + P' and 'S x A < D + F < E + K'

- (1) LP (2) SP (3) SK (4) SF
(5) Cannot be determined
76. What will come in the place of the question mark, if it is provided that M is the grandmother of F in the expression: 'F x R < S? M'.
(1) > (2) < (3) + (4) x
(5) Cannot be determined

Directions (77 – 81): Study the following information carefully and answer the questions given below:

P, Q, R, S, T, V and W are seven friends left for seven different destinations-Delhi, Chennai, Hyderabad, Bangalore, Kolkata, Chandigarh and Jaipur — each one on a different day of the week. R left for Jaipur on Monday. On the last day of the week the person left for Bangalore. T left the next day of P who left for Chandigarh and on the previous day of W. S left for Kolkata on Friday. Q did not leave for either Hyderabad or Bangalore and W left for Delhi.

77. On which day of the week did Q leave?
(1) Sunday (2) Saturday (3) Wednesday (4) Data inadequate
(5) None of these
78. Who left for Bangalore?
(1) T (2) P (3) V (4) Data inadequate
(5) None of these
79. On which day of the week did T leave?
(1) Tuesday (2) Thursday (3) Sunday (4) Wednesday (5) None of these
80. Which of the following combinations of person-place is **NOT** correct?
(1) R—Jaipur (2) P—Chandigarh (3) T—Hyderabad (4) V—Bangalore (5) All are correct
81. Who left on Tuesday?
(1) P (2) W (3) Q (4) V (5) None of these

Directions (82 – 86): Study the following information carefully and answer the questions given below:

Eight persons - A, B, C, D, W, X, Y and Z - are sitting around a circular table facing the centre at equal distance between each other but not necessarily in the same direction. Each one of them wears watches of different companies viz., Timex, Seiko, Rado, Omega, Fast track, Tissot, Fossil and Rolex but not necessarily in the same order. Only two persons are sitting between W and the person who wears Fossil Watch. D is sitting to the immediate right of the person who wears Fossil watch. Only three persons are sitting between D and the person who wears Rado watch. Z is sitting second to the right of the person wearing Rado watch. The person who wears Fast track watch is an immediate neighbour of Z. A is sitting second to the left of the person who wears Fast track watch. C is sitting to the immediate right of X. Only three persons are sitting between C and the person who wears Timex watch. Only one person is sitting between the persons wearing Timex and Tissot watches. B is sitting third to the left of the person who wears Omega watch. Only one person is sitting between Y and the person who wears Rolex watch.

82. Who among the following wears the Seiko watch?
(1) W (2) D (3) X (4) A
(5) Other than those given as options
83. Which of the following combinations of the person - watch is definitely true?
(1) C – Omega (2) B – Timex (3) D – Rolex (4) W – Fast track (5) Z - Tissot
84. What is the position of B with respect to the one who is sitting to the immediate left of W?
(1) Third to the right (2) Third to the left (3) Second to the right (4) Fourth to the left
(5) Second to the left
85. Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Which is the one that does not belong to that group?
(1) Z - Fossil (2) D - Rolex (3) A - Rado (4) B - Tissot (5) X - Omega
86. Which of the following statements is true regarding D as per the given arrangement?
(1) D is sitting exactly between B and the person who wears Seiko watch.
(2) Only two persons are sitting between D and the person who wears Rado watch.
(3) D is sitting second to the left of Z.
(4) D is an immediate neighbour of the person who wears Omega watch.
(5) None of the given statements is true

Directions (87 – 88): Study the following information carefully and answer the questions given below:

Meenal starts from Point A, walks 15m to the east and reaches Point B. She then takes a left turn and walks 4m to reach Point C. She finally takes a right turn and walks 5m and stops at Point D. Reena who is standing at Point Z which is 7m to the south of Point B walks 9m towards west takes right turn and walks for 1 1 m and stop sat point Y.

87. How far and in which direction is Point Y with respect to Point D?
(1) 14m towards west (2) 9m towards east (3) 13m towards east (4) 9m towards west
(5) 14m towards east
88. If Meenal walks 11 m towards south from Point D, in which direction will she have to walk in order to reach Point Z?
(1) North (2) South-east (3) West (4) North-west (5) East

Directions (89 – 90): 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.
 (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 either 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.
89. Which bag amongst P, Q, R, S and T is the heaviest?
 I. Bag Q is heavier than R and S. Bag T is heavier only than bag P.
 II. Only three bags are lighter than R. The weight of bag Q is 50 kg which is 2 kg more than bag R.
90. Are all the five friends viz. A, B, C, D and E who are seated around a circular table facing the centre?
 I. A sits third to the left of B. B faces center. D and E are immediate neighbours of each other. C sits second to right of E.
 II. D sits second to right of C. C faces center. Both E and A are immediate neighbours of D. B sits second to right of A.

Directions (91 – 95): Study the following information carefully and answer the given questions:

A word and number arrangement machine, when given an input line of words and numbers, it rearranges them following a particular rule. The following is an illustration of input and rearrangement.

Input: 25 93 as hill stamp bolt 45 34 63 total 13 alter rise

Step I: alter 25 93 as hill stamp bolt 45 34 63 total rise 13

Step II: alter as 93 hill stamp bolt 45 34 63 total rise 25 13

Step III: alter as bolt 93 hill stamp 45 63 total rise 34 25 13

Step IV: alter as bolt hill 93 stamp 63 total rise 45 34 25 13

Step V: alter as bolt hill rise 93 stamp total 63 45 34 25 13

Step VI: alter as bolt hill rise stamp total 93 63 45 34 25 13

Step VI is the last step of the above arrangement as the in-tended 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: ropes 12 33 strong 35 19 in blue ample kite 47 77 57

91. What is the position of '47' in step III?
 (1) Fifth from the left end (2) Seventh from the left end (3) Sixth from the left end
 (4) Sixth from the right end (5) Seventh from the right end
92. Which of the following is fifth from the left end of step V in the above arrangement?
 (1) kite (2) ropes (3) strong (4) 35 (5) None of these
93. What is the position of 'in' in step IV?
 (1) Fourth from the left end (2) Third from the right end (3) Second from the left end
 (4) Third from the left end (5) Fifth from the left end
94. Which of the following is the last step (final output) of the given input?
 (1) ample blue in kite strong ropes 77 57 47 35 33 19 12 (2) ample blue in kite ropes strong 12 19 33 35 47 57 77
 (3) strong ropes kite in blue ample 77 57 47 35 33 19 12 (4) ample blue in kite ropes strong 57 77 47 35 33 19 12
 (5) None of these
95. How many steps are needed to complete this arrangement?
 (1) V (2) III (3) IV (4) VI (5) None of these

Directions (96 – 98): In each of the questions below are given four statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

96. **Statements:** All cups are bottles. Some bottles are jugs. No jug is plate. Some plates are tables.
Conclusions: I. Some tables are bottles. II. Some plates are cups.
 III. No table is bottle. IV. Some jugs are cups.
 (1) Only I follows (2) Only II follows (3) Only III follows
 (4) Only IV follows (5) Only either I or III follows
97. **Statements:** Some chairs are handles. All handles are pots. All pots are mats. Some mats are buses.
Conclusions: I. Some buses are handles. II. Some mats are chairs.
 III. No bus is handle. IV. Some mats are handles.
 (1) Only I, II and IV follow (2) Only II, III and IV follow (3) Only either I or III and II follow
 (4) Only either I or III and IV follow (5) Only either I or III and II and IV follow
98. **Statements:** All birds are horses. All horses are tigers. Some tigers are lions. Some lions are monkeys.
Conclusions: I. Some tigers are horses. II. Some monkeys are birds.

III. Some tigers are birds.

IV. Some monkeys are horses.

(1) Only I and III follow

(2) Only I, II and III follow

(3) Only II, III and IV follow

(4) All I, II, III and IV follow

(5) None of these

Directions (99 – 100): In each question below is given a statement followed by three courses of action numbered (A), (B) and (C). A course of action is a step or administrative decision to be taken for improvement, follow up 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, then decide which of the suggested courses of action logically follow(s) for pursuing.

99. **Statement:** A heavy unseasonal downpour during the last two days has paralysed the normal life in the state in which five persons were killed but this has provided a huge relief to the problem of acute water crisis in the state.

Courses of action:

(A) The state government should set up a committee to review the alarming situation.

(B) The state government should immediately remove all the restrictions on use of potable water in all the major cities in the state.

(C) The state government should send relief supplies to all the affected areas in the state.

(1) None

(2) Only (A)

(3) Only (B) and (C)

(4) Only (C)

(5)

All (A), (B) and (C)

100. **Statement:** A large private bank has decided to retrench one-third of its employees in view of the huge losses incurred by it during the past three quarters.

Courses of action:

(A) The Government should issue a notification to general public to immediately stop all transactions with the bank.

(B) The Government should direct the bank to refrain from retrenching its employees.

(C) The Government should ask the central bank of the country to initiate an enquiry into the bank's activities and submit its report.

(1) None

(2) Only (A)

(3) Only (B)

(4) Only (C)

(5) Only (A)

and (C)

ANSWER KEY

1.(1)	2.(4)	3.(3)	4.(5)	5.(2)
6.(2)	7.(5)	8.(4)	9.(2)	10.(2)
11.(3)	12.(1)	13.(3)	14.(1)	15.(3)
16.(3)	17.(3)	18.(3)	19.(2)	20.(4)
21.(4)	22.(2)	23.(3)	24.(2)	25.(5)
26.(3)	27.(2)	28.(1)	29.(2)	30.(3)
31.(1)	32.(3)	33.(2)	34.(4)	35.(5)
36.(2)	37.(2)	38.(5)	39.(5)	40.(4)
41.(2)	42.(3)	43.(5)	44.(3)	45.(1)
46.(5)	47.(3)	48.(1)	49.(4)	50.(2)
51.(3)	52.(1)	53.(4)	54.(3)	55.(2)
56.(2)	57.(3)	58.(2)	59.(1)	60.(5)
61.(1)	62.(3)	63.(2)	64.(3)	65.(4)
66.(5)	67.(1)	68.(4)	69.(1)	70.(1)
71.(5)	72.(1)	73.(4)	74.(5)	75.(2)
76.(5)	77.(2)	78.(3)	79.(4)	80.(5)
81.(1)	82.(3)	83.(1)	84.(4)	85.(2)
86.(1)	87.(1)	88.(3)	89.(3)	90.(2)
91.(4)	92.(2)	93.(4)	94.(5)	95.(1)
96.(5)	97.(5)	98.(1)	99.(4)	100.(1)

HINTS & SOLUTIONS

1. (1) G
2. (4) D
3. (3) E
4. (5) C
5. (2) F
6. (2) parameters
7. (5) endowment
8. (4) themselves
9. (2) causes
10. (2) with
11. (3) **Focus** when used as Verb bears different meanings. But the meaning it conveys here is "to concentrate". For example,
 - (i) I am so tired I can't focus (on anything) today.
 - (ii) Please focus your minds on the following problem.

Appreciate (Verb) means understand and enjoy (something); value highly, understand (something) with sympathy, increase in value. For example;

- (i) You can't fully appreciate foreign literature in translation.
- (ii) I really appreciate a good cup of tea.
- (iii) I appreciate your problem, but I don't think I can help you.
- (iv) Local property has appreciated (in value) since they built the motorway nearby.

So, we can use **appreciate** in the first gap and **focus** in the second gap to make the sentence meaningfully complete.

12. (1) We can say, **profound** sense of words or outstanding sense of words. **Terrific** means frightening, which raises terror. We can't use **terrific**, **meaningful** or **distinguished** in the first gap.

Pregnant with (something) means full of something; likely to cause something.

For example,

- (i) pregnant with joy, meaning
- (ii) pregnant with consequences, danger.

So, we can use the word **pregnant** in the second gap. Hence the answer is (1).

13. (3) **Accomplished** (Adjective) means
 - (i) skilled : an accomplished dancer, cook, poet, etc.

(ii) well-trained or educated in social skills such as conversation, art, music, etc.

For example,

• an accomplished young lady. So, we can use **accomplished** in the first gap.

Again, we use "honoured with a title". Hence we should use **honoured** in the second gap.

14. (1) **Resilient** (Adjective) means
 - (i) (of an object or material) springing back to its original form after being bent, stretched, crushed, etc.; springy.
 - (ii) (of a person or character) quickly recovering from shock or depression; buoyant : physically/mentally resilient.
 For example,
 She is very resilient to change. If someone can recover quickly, we say he is **resilient**. So, the word **resilient** can be used in the first gap and for

the second gap the word **rational** will not be unfit one.

15. (3) Person who is more interested in his own thoughts and feelings than in things outside himself, and is often shy and unwilling to speak or join in activities with others is an **introvert**.

Gravitate (Verb) means move towards or be attracted to somebody/something gradually and irresistibly; turn to somebody/something.

For example,

(i) When this beautiful girl arrived, all the men in the room gravitated towards her.

(ii) The conversation gravitated to sport.

So, **gravitate** means attract. Hence, **tend** and **gravitate** can be used in the first and the second gap respectively to make the sentence meaningfully complete.

16. (3) Here, preposition including should be used. Hence, eight flights including two international flightswill be a correct usage.

Look at the sentence:

Ten people were killed in the riot, including a policeman.

17. (3) Here, the adverbial form of 'simple' should be used. Hence, it had chopped down a full grown tree simply becausewill be a correct usage.

18. (3) Here, Simple Past (V₂) i.e. the information they gathered should be used.

19. (2) Here, did the manager realize that/ the manager realized that (Past Simple) should be used.

20. (4) Idiom in connection with somebody/something means: for reasons connected with somebody/something.

Look at the sentence: He has been arrested in connection with the murder of the teenager.

21. (4) Making a case for the international society to engineer a second Green Revolution

22. (2) Withdrawal of fiscal impetus from agriculture to other sectors

23. (3) Agricultural growth has artificially inflated India's GDP and such growth is not real

24. (2) Only (C)

25. (5) Only (B) and (C)

26. (3) Only (B)

27. (2) The meaning of the word **Slap (Verb)** as used in the passage is : impose; to order especially in a sudden or an unfair way, that something must happen or somebody must do something.

Look at the sentence:

The company slapped a ban on using email on the staff.

Hence, the words slapped and imposed are synonymous.

28. (1) The meaning of the word **Plow (Verb)** as used in the passage is : to invest a large amount of money in a company or project; to cultivate.

Hence, the words **plowed** and **cultivated** are synonymous.

29. (2) The meaning of the word **Pressing (Adjective)** as used in the passage is : urgent, serious, insistent, needing to be dealt with immediately.

Hence, the words **pressing** and **undemanding** are antonyms.

30. (3) The meaning of the word **Evaporate (Verb)** as used in the passage is : to disappear, especially by gradually becoming less and less.

Look at the sentence:

His confidence had now completely evaporated.
Hence, the words **evaporated** and **grew** are antonyms.

31. (1) $7x + 6y + 4z = 122$ (i)
 $4x + 5y + 3z = 88$ (ii)
 $9x + 2y + z = 78$ (iii)
 By equation (iii) $\times 3$ - equation (ii),
 $27x + 6y + 3z = 234$
 $4x + 5y + 3z = 88$

 $23x + y = 146$ (iv)

By equation (iii) $\times 4$ - equation (i),
 $36x + 8y + 4z = 312$
 $7x + 6y + 4z = 122$

 $29x + 2y = 190$ (v)

By equation (iv) $\times 2$ - equation (v),
 $46x + 2y = 292$
 $29x + 2y = 190$

 $17x = 102$ (iv)

$\Rightarrow x = 6$
 From equation (iv),
 $23 \cdot 6 + y = 146$
 $\Rightarrow y = 146 - 138 = 8$
 From equation (iii),
 $9 \times 6 + 2 \times 8 + z = 78$
 $\Rightarrow 54 + 16 + z = 78 \Rightarrow z = 78 - 70 = 8$
 Clearly, $x < y = z$

32. (3) By equation II $\times 2$ - equation (I)
 $8x + 6y = 118$
 $7x + 6y = 110$

 $x = 8$

From equation (I),
 $\Rightarrow 7 \times 8 + 6y = 110$
 $\Rightarrow 6y = 110 - 56 = 54 \Rightarrow y = 9$
 From equation (III),
 $8 + z = 15 \Rightarrow z = 7$
 Clearly, $x < y > z$

33. (2) I.
 By equation II $\times 3$ - equation I
 $6y + 9z = 99$
 $6y + 5z = 71$

 $4z = 28 \Rightarrow z = 7$
 From equation II,
 $2y + 3 \times 7 = 33$
 $\Rightarrow 2y = 33 - 21 = 12 \Rightarrow y = 6$
 $x < y < z$

34. (4) By equation I $\times 55$ - II $\times 8$
 $40x + 35y = 675$
 $40x + 48y = 792$

 $-13y = -117 \Rightarrow y = 9$

From Equation I,
 $8x + 7 \times 9 = 135$
 $\Rightarrow 8x = 135 - 63 = 72 \Rightarrow x = 9$
 From equation III,
 $9 \times 9 + 8z = 121$
 $\Rightarrow 8z = 121 - 81 = 40 \Rightarrow z = 5$
 Clearly, $x = y > z$

35. (5) I. = 1331
 $\Rightarrow x + y = 11$
 $\Rightarrow y = 11 - x$
 From equation III,
 $x(11 - x) = 28$
 $\Rightarrow 11x - x^2 = 28$
 $\Rightarrow x^2 - 11x + 28 = 0$
 $\Rightarrow x^2 - 7x - 4x + 28 = 0$
 $\Rightarrow x(x - 7) - 4(x - 7) = 0$
 $\Rightarrow (x - 7)(x - 4) = 0$
 $\Rightarrow x = 7, 4$

From equation I
 $y = 4, 7$
 From equation II
 $7 - 4 + z = 0 \Rightarrow z = -3$
 $4 - 7 + z = 0 \Rightarrow z = 3$

36. (2) 4 8 girls 3 9 boys
 $= 7 \cdot 2$ men = $5 \cdot 4$ women
 $\Rightarrow 32$ girls = 27 boys a 14 men = 20 women

37. (2) Mean of set A =
 The lowest number of second set = $47 + 15 = 62$
 Required = $62 + 63 + 64 + 65 + 66 = 320$

38. (5) If the adjacent angles of parallelogram be $2x^\circ$ and $3x^\circ$ respectively, then

Smaller angle of parallelogram
 $= 2x =$

Smallest angle of the quadrilateral =
 Its largest angle =
 Required sum = $144 + 72 =$

39. (5) 1000 ml. of milk = Rs.44
 550 ml. of milk = Rs. 24.2
 Total expenditure in 45 days = $45 \cdot 24.2 =$ Rs.

1089
 40. (4) Girls
 Boy $2000 - 720 = 1280$
 Each girl's fee = Rs. 360
 Total monthly fee = Rs. $(1280 \cdot 480 + 720 \cdot 360)$
 $=$ Rs. $(614400 + 259200)$
 $=$ Rs. 873600

41. (2) In spite of revenue being less in 2010, the profit was same as 2009 because the expenditure also correspondingly less.

42. (3) Amount of fat in:
 200 gms of A and 300 gms of C
 $= 56 + 39 = 95$ gms.

200 gms of B and 200 gms of A = $40 + 56 = 96$ gms

100 gms of C and 300 gms of A = $13 + 84 = 97$ gms.

300 gms of C and 100 gms each for A and B = $39 + 28 + 20 = 87$ gms
 150 gms each of A, B and C
 $= 42 + 30 + 19.5 = 91.5$ gms

- Hence, option (3) is our answer.
43. (5) $A = x\%$ of $y =$ $B = y\%$ of $x =$
 $A = B$
44. (3) Number of literate males = 35% of 2,50,000
 Number of literate females = 33% of 2,50,000
 Required difference = $(35 - 33)\%$ of 2,50,000 = 2% of 2,50,000 = 5,000
45. (1) We have,
 $\Rightarrow x = y + 1$
 Clearly, $x > y$
46. (5) Number of male employees in IT department

 Number of promoted male employees in IT department

 Required percentage
47. (3) Number of female employees in production department
 $= 1260 - 1020 = 240$

 Number of female employees in marketing department
 $= 648 - 306 = 342$
 Required number of females = $240 + 342 = 582$
48. (1) Number of female employees in accounts department
 $= 720 - 102 = 618$
49. (4) Required percentage =
50. (2) Total number of employees in HR department

 Number of promoted employees in HR department =
 Required percentage =
41. (3) The pattern is :
 $1 \ 1 + 1 = 2$
 $2 \ 2 + 1 = 5$
 $5 \ 3 + 1 = 16$
 $16 \ 4 + 1 = 65$
 $65 \ 5 + 1 = 325 + 1 =$
42. (1) The pattern is :
 $160 - 1 \ 9 = 160 - 9 = 151$
 $151 - 2 \ 9 = 151 - 18 = 133$
 $133 - 3 \ 9 = 133 - 27 = 106$
 $106 - 4 \ 9 = 106 - 36 =$
 $70 - 5 \ 9 = 70 - 45 = 25$
43. (4) The pattern

 $8 \ 1 = 8$
 $8 \ 2 = 16$
 $16 \ 4 = 64$
 $64 \ 8 = 512$
44. (3) The pattern is :
 $400 - = 400 - 25 = 375$
 $375 + = 375 + 49 = 424$
 $424 - = 424 - 81 = 343$
 $343 + = 343 + 121 = 464$
 $464 - = 464 - 169 = 295$
45. (2) The pattern is :
 $68 - 32 = 36$
 $36 - 16 = 20$
 $20 - 8 = 12$
 $12 - 4 =$

 $8 - 2 = 6$
56. (2) % profit

- =
 $= \text{Rs. } 1250000$
 Total income = Profit earned + total investment
 $= \text{Rs. } (812500 + 1250000) = \text{Rs. } 2062500$
57. (3) If each company invests Rs. I and the profits earned by A and B be Rs. x and Rs. y respectively, then

 and $55I = 100y$ (i) (ii)
 $= 170I : 155I = 34 : 31$
58. (2) Investment by company A = Rs. 18 Lakh
 Investment by company B = Rs. 9 Lakh
 For company A,

 For company B,

 $= \text{Rs. } 7.2 \text{ lakh}$
 Total profit earned = $13.5 + 7.2 = \text{Rs. } 20.7 \text{ lakh}$
59. (1) For the year 2007,
 $45 =$
 $= \text{Rs. } 5.4 \text{ lakh}$
 Total income = $12 + 5.4 = \text{Rs. } 17.4 \text{ lakh}$
 If the amount invested in 2008 be Rs. I lakh, then
 $60 =$
 $160I = 1740$
 $I =$
 $= \text{Rs. } 1087500$
60. (5)
 $= \text{Rs. } 18.45 \text{ lakh}$
61. (1)
 $= 1681 + 64 - 484 = 1261$
 Required answer = 1280
62. (3)

 $240 - 250 = ? - 720$
 $? = 720 + 240 - 250 = 710$
 Required answer = 700
63. (2)

 We have divided by smaller numbers.
 Required answer = 600
64. (3)

 Required answer = 900
65. (4) ? =

 Required answer = 225
66. (5)
- Specified letters** : E, M, A, L
Meaningful words : MEAL, MALE, LAME
67. (1) Money is related with wealth. Similarly, pity is related with kindness.
68. (4) Without food we feel hungry. Without water we feel thirsty. Without air we feel suffocation. Similarly, without leg one is lame.
69. (1)

 Similarly,
70. (1)

71. (5) From both the statements

T sits exactly in the middle of the line.

72. (1) From statement I

E sits to the immediate right of A.

From statement II

73. (4) From both the statements

74. (5) From both the statements

75. (2) $L > V$ L is daughter of V.

$V < J$ V is the wife of J.

$J + P$ J is the father of P.

J is the father of L and P.

S A S is son of A

Thus, S and P are first cousins.

76. (5) F R F is the son of R.

$R < S$ R is the wife of S.

S M S is the son of M.

Now, F is grandson of M.

M is either grandfather or grandmother of F.

77-81. On the basis of given information and conclusions as well as sub-conclusions we can construct the following chart :

Day	Person	City
Monday	R	Jaipur
Tuesday	P	Chandigarh
Wednesday	T	Hyderabad
Thursday	W	Delhi
Friday	S	Kolkata
Saturday	Q	Chennai
Sunday	V	Bangalore

77. (2) Q left on Saturday.

78. (3) V left for Bangalore.

79. (4) T left on Wednesday.

80. (5) All combinations are correct.

81. (1) P left on Tuesday.

82-86.

82. (3) X wears Seiko watch.

83. (1) The combination C - Omega is definitely true.

84. (4) A is sitting to the immediate left of W. B is sitting fourth to the left or right of A.

85. (2) Z is sitting to the immediate left of the person who wears Fossil watch.

A is sitting to the immediate left of the person who wears Rado watch.

B is sitting to the immediate left of the person who wears Tissot watch.

X is sitting to the immediate of left of the person who wears Omega watch.

But, D is sitting third to the left of the person who wears Rolex watch.

86. (1) W wears Rado watch. Three persons are sitting between D and W either clockwise or anticlockwise.

D is sitting second to the right of Z.

D is an immediate neighbour of persons who wear Fossil and Seiko watches.

87- 88.

87. (1) Point Y is $(9 + 5)$ m = 14 metre towards West from the Point D.

88. (3) It is clear from the diagram that Meenal would have to walk towards West to reach Point Z

89. (3) From statement I

$Q > R, S$

$Q > R, S > T > P$

Thus, the bag Q is the heaviest.

From statement II

$Q > R > S, T, P$

Thus, the bag Q is the heaviest.

90. (2) From statement I

It is not clear A, D and C are facing the centre or outward.

From statement II

A is facing outward.

91-95. After careful analysis of the given input and various steps of rearrangement it is evident that in each step one word and one number get rearranged. Words are rearranged in alphabetical order from the left end while numbers get rearranged from the right end in ascending order.

Input: ropes 12 33 strong 35 19 in blue ample kite 47 77 57

Step I: ample ropes 33 strong 35 19 in blue kite 47 77 57 12

Step II: ample blue ropes 33 strong 35 in kite 47 77 57 19 12

Step III: ample blue in ropes strong 35 kite 47 77 57 33 19 12

Step IV: ample blue in kite ropes strong 47 77 57 35 33 19 12

Step V: ample blue in kite ropes strong 77 57 47 35 33 19 12

91. (4) 47 is sixth from the right end and eighth from the left end in Step III.

92. (2) The word 'ropes' is fifth from the left end in Step V.

93. (4) The word 'in' is third from the left end in Step IV.

94. (5) Step V is the last step.

95. (1) Five steps are needed to complete the arrangement.

96-100.

96. (5)

* Either I (or) III. II. * IV. *

97. (5)

* Either I (or) III. II. ✓ IV. ✓

Either I (or) III, and II, IV follows.

98. (1)

I. ✓ II. * III. ✓

IV. *

Only I (or) III follows.

99. (4) It is mentioned that unseasonal downpour paralysed the normal life in the state. Therefore, it is not prudent to set up a review committee. The Course of action (B) does not address the problem properly. Thus, only Course of action (C) is suitable for pursuing.

100. (1) None of the courses of action is suitable for pursuing.

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