



SHAKTHII ACADEMY

Increasing Confidence ; Reaching Goals

SBI Clerk Prelims – Model Paper

(1-5):

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) He immediately acknowledged Mohan's good work and invited him to his home for dinner. (B) One day a wealthy merchant sent his son's bicycle to the shop for repair. (C) The next day the merchant came to claim the bicycle and noticed that it was shiny. (D) After repairing the bicycle, Mohan cleaned it up and made it look new. (E) Once upon a time, there was a boy named Mohan who worked as an apprentice in a bicycle shop. (F) Other apprentices in the shop laughed at Mohan for doing unnecessary work.

Q1. Which of the following should be the **SECOND** sentence after rearrangement ?

- (1) A
- (2) B
- (3) C
- (4) D
- (5) F

Q2. Which of the following should be the **THIRD** sentence after rearrangement ?

- (1) A
- (2) B
- (3) C
- (4) D
- (5) E

Q3. Which of the following should be the **FIRST** sentence after rearrangement ?

- (1) A
- (2) B
- (3) C
- (4) D
- (5) E

Q4. Which of the following should be the **LAST (SIXTH)** sentence after rearrangement ?

- (1) A
- (2) B
- (3) D
- (4) E
- (5) F

Q5. Which of the following should be the **FOURTH** sentence after rearrangement ?

- (1) B



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- (2) C
- (3) D
- (4) E
- (5) F

\$\$\$ (6 -15) :

Read the following passage carefully and answer the questions given below it

The cyber-world is ultimately ungovernable. This is alarming as well as convenient; sometimes, convenient because alarming. - Some Indian politicians use this to great advantage. When there is an obvious failure in governance during a crisis they deflect attention from their own incompetence towards the ungovernable. So, having failed to prevent nervous citizens from fleeing their cities of work by assuring them of proper protection, some national leaders are now busy trying to prove to one another, and to panic-prone Indians, that a mischievous neighbour has been using the internet and social networking sites to spread dangerous rumours. And the Centre's automatic reaction is to start blocking these sites and begin elaborate and potentially endless negotiations with Google, Twitter and Facebook about access to information. If this is the official idea of prompt action at a time of crisis among communities, then Indians have more reason to fear their protectors than the nebulous mischief-makers of the cyber world. Wasting time gathering proof, blocking vaguely suspicious websites, hurling accusations across the border and worrying about bilateral relations are ways of keeping busy with inessentials because one does not quite know what to do about the essentials of a difficult situation. Besides, only a fifth of the 245 websites blocked by the Centre mention the people of the Northeast or the violence in Assam. And if a few morphed images and spurious texts can unsettle an entire nation, then there is something deeply wrong with the nation and with how it is being governed. This is what its leaders should be addressing immediately, rather than making a wrongheaded display of their powers of censorship.

It is just as absurd, and part of the same syndrome, to try to ban Twitter accounts that parody despatches from the Prime Minister's Office, To describe such forms of humour and dissent as "misrepresenting" the PMO — as if Twitterers would take these parodies for genuine despatches from the PMO — makes the PMO look more ridiculous than its parodists manage to. With the precedent for such action set recently by the chief minister of West Bengal, this is yet another proof that what Bengal thinks today India will think tomorrow. Using the cyber world for flexing the wrong muscles is essentially not funny. It might even prove to be quite dangerously distracting.

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Q6. According to the passage, the cyber world is

- (1) beyond the imagination of people
- (2) outside the purview of common people
- (3) not to be governed
- (4) ungovernable
- (5) renaissance



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Q7. The author is of the opinion that

- (1) the, centre should start negotiations with Google, Twitter and Facebook
- (2) the centre should help the citizens evacuate their city
- (3) the centre should not block the sites
- (4) the centre should arrest the guilty
- (5) None of the above

Q8. Which of the following is closest to the meaning of 'nebulous'?

- (1) confused
- (2) vague
- (3) iridescent
- (4) glowing
- (5) intended

Q9. The author's seriousness regarding the situation can best be described in the following sentences. Pick the odd one out.

- (1) Our leaders should display their powers of censorship when needed.
- (2) If this is the official idea of prompt action at a time of crisis among communities, then Indians have more reason to fear their protectors than the nebulous mischief- maker of the cyber-world.
- (3) The politicians deflect attention from their own incompetence.
- (4) If a few morphed images and spurious texts can unsettle an entire nation, then there is something deeply wrong with the nation.
- (5) None of the above

Q10. The word 'spurious' means

- (1) genuine
- (2) authentic
- (3) substantial
- (4) fake
- (5) change

Q11. The author warns us against

- (1) not playing false with the citizens
- (2) dangers inherent in the cyber world
- (3) not using the cyber world judiciously
- (4) not protecting "the citizens from dangerous politicians
- (5) All of the above

Q12. 'Parody' means



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- (1) twist
- (2) jeopardize
- (3) ridicule
- (4) imitate
- (5) None of the above

Q13. What is the opposite of 'wrong headed' ?

- (1) silly
- (2) sane
- (3) insane
- (4) insensible
- (5) ridicule

Q14. The passage suggests different ways of keeping the public busy with 'inessentials'. Pick the odd one out.

- (1) By blocking websites which are vaguely suspicious
- (2) By blaming neighbouring countries across the border
- (3) By turning the attention of the people to violence in Assam
- (4) By getting involved in a discourse on bilateral relations
- (5) None of the above

Q15. The following is a list of statements made by the author of the above passage.

Pick the odd one out.

- (1) It is absurd to ban Twitter accounts that parody despatches from the Prime Minister's Office.
- (2) Twitterers take these parodies for genuine despatches from the PMO.
- (3) To describe such forms of humour as 'misrepresenting' the PMO makes the PMO look more ridiculous.
- (4) The precedent for such action was set recently by the chief minister of West Bengal.
- (5) None of the above

\$\$\$ (16-20) :

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

\$\$\$

Q16. One of the best way / (1)/ of improving / (2)/ your English is to / (3)/ read the language. / (4)/ No error / (5)/

- (1) 1
- (2) 2
- (3) 3



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- (4) 4
- (5) 5

Q17. I was halting/ (1)/ at the station for / (2)/ the train to arrive when / (3)/ suddenly there was a loud noise. / (4)/ No error / (5)/

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

Q18. I reached / (1)/ lately for the meeting / (2)/ as I got / (3)/ stuck in traffic. / (4)/ No error / (5)/

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

Q19. Unless you / (1)/ work hard you / (2)/ will not achieve / (3)/ success in life. / (4)/ No error / (5)/

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

Q20. The labourers working at / (1)/ the construction site were / (2)/ very tiring and / (3)/ wanted to rest. / (4)/ No error / (5)/

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

\$\$\$ (21-25):

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.

One of the oldest cities of Asia, Srinagar is known for its unique wooden architecture. Its **...(21)...** network of narrow streets amid multi-story wooden houses **...(22)...** out to its waterways, make it look like medieval Islamic **...(23)...** centres. The large-scale demolition of



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traditional buildings and bazaars ...(24)... the quest for modernity have, however, ...(25)... to their disappearance.

\$\$\$

Q21. I

- (1) expansive
- (2) extensive
- (3) extended
- (4) expended
- (5) denied

Q22. II

- (1) open
- (2) opened
- (3) opening
- (4) opined
- (5) opens

Q23. III

- (1) urban
- (2) village
- (3) rural
- (4) country
- (5) colony

Q24. IV

- (1) in
- (2) inside
- (3) on
- (4) into
- (5) from

Q25. V

- (1) lead
- (2) led
- (3) conformed
- (4) caused
- (5) favoured

\$\$\$ (26 -30):



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In the following questions, a sentence with four words in **bold** type is given. One of these words given in bold may be either wrongly spelt or inappropriate in the context of the sentence. Find out the word which is wrongly spelt or inappropriate, if any. That word is your answer. If all the words given in bold are correctly spelt and also appropriate in the context of the sentence, select 'All correct' as your answer.

\$\$\$

Q26. Researchers from **different** states and **countries** keep **coming** to study these **manuscripts**.

- (1) different
- (2) countries
- (3) coming
- (4) manuscripts
- (5) All correct

Q27. I was **surprised** when I got **confirmation** of the news that he was the **recipient** of the **prestigious** award.

- (1) surprised
- (2) confirmation
- (3) recipient
- (4) prestigious
- (5) All correct

Q28. We plan to complete the **exhaustive performance review** **undertook** by us.

- (1) exhaustive
- (2) performance
- (3) review
- (4) undertook
- (5) All correct

Q29. We have multiple **identity** that come to the **fore depending** on social and **environmental** cues.

- (1) identity
- (2) fore
- (3) depending
- (4) environmental
- (5) All correct

Q30. This is how we should **feel at** the end of any act of **worship** we **performed** as we express our faith in God and **sincerity** of purpose.

- (1) feel at
- (2) worship



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- (3) performed
- (4) sincerity
- (5) All correct

\$\$\$ (31-34):

In each of these questions a number series is given. In each series only one number is **wrong**. Find out the wrong number.

\$\$\$

Q31. 4, 12, 42, 196, 1005, 6066, 42511

- (1) 12
- (2) 42
- (3) 1005
- (4) 196
- (5) 6006

Q32. 2, 8, 12, 20, 30, 42, 56

- (1) 8
- (2) 42
- (3) 30
- (4) 20
- (5) 12

Q33. 32, 16, 24, 65, 210, 945, 5197.5

- (1) 946
- (2) 16
- (3) 24
- (4) 210
- (5) 65

Q34. 7, 13, 25, 49, 97, 194, 385

- (1) 13
- (2) 49
- (3) 97
- (4) 194
- (5) 25

\$\$\$ (35 - 44):

What should come in place of questions mark (?) in the following questions ?

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Q35. $(?)^2 + (123)^2 = (246)^2 - (99)^2 - 2462$

- (1) 184
- (2) 186
- (3) 182
- (4) 180
- (5) None of these

Q36. $414 \times ? \times 7 = 127512$

- (1) 36
- (2) 40
- (3) 44
- (4) 48
- (5) None of these

Q37. $[(84)^2 \div 28 \times 12] \div 24 = 7 \times ?$

- (1) 15
- (2) 17
- (3) 19
- (4) 21
- (5) None of these

Q38. $(7.9\% \text{ of } 134) - (3.4\% \text{ of } 79) = ?$

- (1) 8.1
- (2) 7.8
- (3) 8.6
- (4) 7.3
- (5) None of these

Q39. $38.734 + 8.638 - 5.19 = ?$

- (1) 41.971
- (2) 42.179
- (3) 43.072
- (4) 42.182
- (5) None of these

Q40. $7^{8.9} \div (343) \times (49) = ?^2$

- (1) 7
- (2) 1
- (3) 14
- (4) 2
- (5) None of these



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Q41. ${}^3\sqrt{512} \div {}^4\sqrt{16} \div \sqrt{576} = ?$

- (1) 24
- (2) 31
- (3) 22
- (4) 18
- (5) None of these

Q42. $(42 \times 3.2) \div (16 \times 1.5) = ?$

- (1) 5.9
- (2) 5.6
- (3) 6.1
- (4) 4.8
- (5) None of these

Q43. $199 + 5^3 \div 4 \times 4^2 = ?$

- (1) 969
- (2) 655
- (3) 966
- (4) 799
- (5) None of these

Q44. $342 \div 6 \times 28 = 1099 + ?$

- (1) 478
- (2) 502
- (3) 486
- (4) 504
- (5) None of these

Q45. At what rate of simple interest will Rs.4,800/- amount to Rs. 6,480/- in a span of 7 years?

- (1) 5%
- (2) 6%
- (3) 3%
- (4) 4%
- (5) None of these

Q46. How much will a sum of Rs. 6,300/- amount to in a span of 2 years, at 5 p.c.p.a rate of compound interest (Rounded off to the nearest integer) ?

- (1) Rs. 6,946/-
- (2) Rs. 6,876/-



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- (3) Rs.6, 521/-
- (4) Rs. 6,790/-
- (5) Rs. 6,492/-

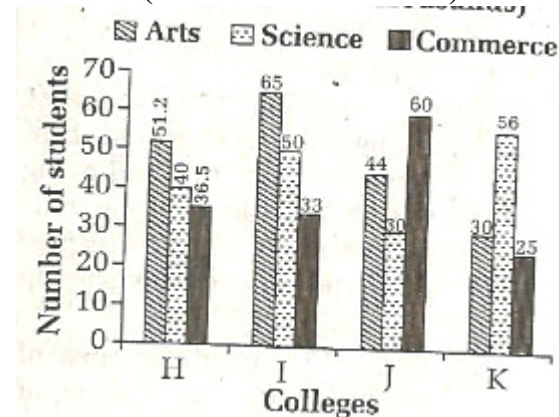
Q47. In how many different ways can the letters of the word 'BAKERY' be arranged ?

- (1) 2400
- (2) 2005
- (3) 720
- (4) 5040
- (5) None of these

\$\$\$ (48 - 51):

Study the following graph carefully and answer the questions given below it:

Number of Students studying in Various Colleges from Various Faculties (Number in thousands)



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Q48. What is the difference between the total number of students studying in college H and that studying in college K ?

- (1) 16100
- (2) 15800
- (3) 16300
- (4) 16700
- (5) None of these

Q49. What is the total number of students studying in all the colleges together ?

- (1) 520900
- (2) 520700
- (3) 610200



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- (4) 510800
- (5) None of the above

Q50. What is the ratio of the students from the faculty of Science from colleges H and I together to the students from the same faculty from colleges J and K together ?

- (1) 43 : 45
- (2) 41 : 43
- (3) 45 : 43
- (4) 43 : 41
- (5) None of the above

Q51. The number of students from the faculty of Science from college L is approximately what per cent to the total number of students studying in the college ?

- (1) 34%
- (2) 37%
- (3) 29%
- (4) 31%
- (5) 39%

Q52. The ratio of the quantities of an acid and water in a mixture is 1 : 3. If 5 litres of acid is further added to the mixture, the new ratio becomes 1 : 2. The quantity of new mixture in litres is :

- (1) 32
- (2) 40
- (3) 42
- (4) 45
- (5) None of these

Q53. The ratio between two numbers is 2 : 3. If each number is increased by 4, the ratio between them becomes 5 : 7. The difference between the numbers is :

- (1) 8
- (2) 6
- (3) 4
- (4) 2
- (5) 41

Q54. Monthly incomes of A and B are in the ratio of 4 ; 3 and their expenses bear the ratio 3 : 2. Each of them saves Rs. 6,000/- at the end of the month, then the monthly income of A is :

- (1) Rs. 12,000/-
- (2) Rs. 24,000/-
- (3) Rs. 30,000/-



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- (4) Rs. 60,000/-
- (5) Rs.60,000/-

Q55. The average of three consecutive odd numbers is 12 more than one third of the first of these numbers. What is the last of the three numbers ?

- (1) 15
- (2) 17
- (3) 18
- (4) Data inadequate
- (5) 19

Q56. The average of 18 observations is recorded as 124. Later it was found that two observations with values 64 and 28 were entered wrongly as 46 and 82. Find the correct average of the 18 observations.

- (1) $111 \frac{7}{9}$
- (2) 122
- (3) 123
- (4) $137 \frac{3}{9}$
- (5) None of these

Q57. If the cost price of 15 articles is equal to the selling price of 12 articles, find gain percent.

- (1) 20
- (2) 25
- (3) 18
- (4) 21
- (5) 26

Q58. The cost price of an article is 64% of the marked price. The gain percentage after allowing a discount of 12% on the marked price is:

- (1) 37.5%
- (2) 48%
- (3) 50.5%
- (4) 52%
- (5) 51

Q59. A man purchased some eggs at 3 for Rs. 5/- and sold them at 5 for Rs. 12/-. Thus, he gained Rs. 143/- in all. The number of eggs he bought is:

- (1) 210
- (2) 200
- (3) 195
- (4) 190



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(5) 135

Q60. $\sqrt{6} + \sqrt{6} + \sqrt{6} + \dots = ?$

- (1) 2.3
- (2) 3
- (3) 6
- (4) 6.3
- (5) 6.5

Q61. If 5 men or 8 women can do a piece of work in 12 days, how many days will be taken by 2 men and 4 women to do the same work ?

- (1) 15 days
- (2) 13 1/2 days
- (3) 13 1/3 days
- (4) 10 days
- (5) 12 1/2 days

Q62. In a fort, there was sufficient food for 200 soldiers for 31 days. After 27 days, 120 soldiers left the fort. For how many extra days will the rest of the food last for the remaining soldiers ?

- (1) 4 days
- (2) 12 days
- (3) 10 days
- (4) 6 days
- (5) 4

Q63. A bookseller makes 8% profit after selling the book at 10% discount. The ratio of the cost price to the marked price is

- (1) 5 : 6
- (2) 6 : 5
- (3) 4 : 5
- (4) 5 : 4
- (5) 1 : 4

Q64. A certain sum of money is distributed to A and B in the ratio 2 : 5. If A received Rs. 100/- then the money received by B is :

- (1) Rs.250/-
- (2) Rs.300/-
- (3) Rs.200/-
- (4) Rs.150/-
- (5) Rs.155/-



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Q65. Last year my age was a perfect square number. Next year it will be a cubic number. What is my present age ?

- (1) 21 years
- (2) 24 years
- (3) 25 years
- (4) 27 years
- (5) 26 years

\$\$\$ (66-70) :

Study the following information carefully and answer the questions given below:

P, Q, R, S, T, V and W are seven students of a college. Each of them has a favourite subject from Physics, Chemistry, English, Biology, History, Geography and Philosophy not necessarily in the same order. Each of them also has a favourite sport from Football, Cricket, Hockey, Volleyball, Badminton, Table Tennis and Basketball not necessarily in the same order.

R likes Philosophy and his favourite sport is Hockey. The one who likes Football likes English. – T's favourite sport is not Badminton or Table Tennis. V does not like either History or Biology. The one whose favourite sport is basketball does not like Physics. W likes Chemistry and his favourite sport is Volleyball. S likes Geography. Q's favourite sport is Badminton. V does not like English and his favourite sport is not Basketball. P's favourite sport is Cricket. The one whose favourite sport is Badminton does not like Biology.

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Q66. Which subject does P like ?

- (1) History
- (2) Biology
- (3) Chemistry
- (4) Data inadequate
- (5) None of these

Q67. Who likes History?

- (1) P
- (2) R
- (3) Q
- (4) V
- (5) Data inadequate

Q68. What is Q's favourite sport ?

- (1) Cricket
- (2) Table Tennis
- (3) Football
- (4) Badminton
- (5) None of these



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Q69. Whose favourite sport is Basketball ?

- (1) S
- (2) W
- (3) Q
- (4) Data inadequate
- (5) None of these

Q70. Which subject does T like ?

- (1) Biology
- (2) Physics
- (3) Chemistry
- (4) Data inadequate
- (5) None of the above

Q71. In a certain code DOWN is written as '5@9#' and NAME is written as '#6%3'.

How is MODE written in that code ?

- (1) % 6 5 3
- (2) % @ 6 3
- (3) % 5 @ 3
- (4) % @ 5 3
- (5) None of these

Q72. How many meaningful English words can be formed with the letters LGEU using each letter only once in each word ?

- (1) None
- (2) One
- (3) Two
- (4) Three
- (5) More than three

Q73. In a certain code THRIVES is written as SIUHRDU. How is SOULFUL written in that code ?

- (1) VPTKKTE
- (2) VPTKETK
- (3) TPVKKTE
- (4) TNRKMVG
- (5) None of the above

\$\$\$ (74-78) :

Study the given information carefully and answer the given questions.

Eight people - J, K, L, M, N, O, P and Q are sitting around a circular table facing the centre, not necessarily in the same order. O is sitting third to the right of M. There is only one person



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sitting between M and J. There are only three people between J and K. P is an immediate neighbour of J. There are only three people between P and L. N is second to the right of P.
\$\$\$

Q74. Which of the following is **true** regarding the given arrangement ?

- (1) M is an immediate neighbor of K
- (2) N is an immediate neighbor of J
- (3) P is second to the left of O
- (4) There are four people between N and O
- (5) None is true

Q75. Who is sitting second to the left of the one who is sitting second to the left of Q?

- (1) M
- (2) K
- (3) N
- (4) L
- (5) J

Q76. 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 one does **not** belong to the group ?

- (1) PQ
- (2) KL
- (3) MN
- (4) QO
- (5) KO

Q77. What is N's position with respect to K?

- (1) Second to the left
- (2) Second to the right
- (3) Third to the left
- (4) Third to the right
- (5) Fourth to the left

Q78. How many people are sitting between K and P when counted from the right side of K ?

- (1) One
- (2) Two
- (3) Three
- (4) None
- (5) More than three

\$\$\$ (79 - 82):



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In the following questions, the symbols #, %, @, \$ and © are used with the following meanings illustrated.

'P # Q' means 'P is not smaller than Q'

'P % Q' means 'P is not greater than Q'

'P @ Q' means P is neither smaller than nor equal to Q'

'P \$ Q' means 'P is neither greater than nor equal to Q'

'P © Q' means 'P is neither smaller than nor greater than Q'

In each of the following questions assuming the given statements to be true, find out which of the two conclusions I and II given below them is/are definitely true.

Give answer:

- (1) if **only** conclusion **I** is true.
- (2) if **only** conclusion **II** is true.
- (3) if **either** conclusion **I** or conclusion **II** is true.
- (4) if **neither** conclusion **I** nor conclusion **II** is true.
- (5) if **both** conclusions **I** and **II** are true.

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Q79. **Statements:** R % N, N # F, F @ B **Conclusions :** I. F © R II. B \$ N

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

Q80. **Statements:** H © W, W % R, R @ F **Conclusions :** I. R © H II. R @ H

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

Q81. **Statements:** M \$ T, T © K, K © D **Conclusions:** I. D \$ T II. K \$ M

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

Q82. **Statements:** H@W, W\$M, M # K **Conclusions :** I. K \$ W II. H @ M

- (1) 1
- (2) 2
- (3) 3



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(4) 4

(5) 5

\$\$\$ (83-85):

Study the given information carefully and answer the given questions.

A is the mother of B. B is the sister of C, D is the son of C. E is the brother of D, F is the mother of E, G is the granddaughter of A, H has only two children- B and C.

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Q83. How is F related to H ?

- (1) Son-in-law
- (2) Daughter-in-law
- (3) Father-in-law
- (4) Grand daughter
- (5) Cannot be determined

Q84. How is C related to E ?

- (1) Father
- (2) Son
- (3) Mother
- (4) Cousin brother
- (5) Cannot be determined

Q85. Who is the mother of G ?

- (1) C
- (2) B
- (3) F
- (4) Either B or F
- (5) Either C or F

Q86. What should come next in the following letter series based on English alphabet ?

CEA IKG OQM ?

- (1) STW
- (2) WUS
- (3) SWU
- (4) UWS
- (5) None of these

Q87. The positions of how many digits in the number 59164823 will remain unchanged after the digits are rearranged in descending order within the number ?

- (1) None
- (2) One
- (3) Two



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- (4) Three
- (5) More than three

Q88. What should come next in the following letter series ?
PQRSTABCDEPQRSABCDEPQRSABCDPQ

- (1) R
- (2) T
- (3) A
- (4) B
- (5) None of these

\$\$\$ (89 - 93):

Read the information carefully and answer the given questions.

A, B, C, D, E, F, G and H are sitting around a circular area at equal distance between each other, but not necessarily in the same order. Some of the people are facing the centre while some face outside {i.e., in a direction opposite to the centre}. Facing the same direction means if one faces the centre then other also faces the centre and vice versa. Facing opposite direction means if one person faces the centre then the other faces outside and vice versa.

D sits- second to the left of B. B faces outside. A and F are immediate neighbours of D. H' sits second to the right of A. C sits third to the left of H. E sits to the immediate right of G. D sits third to the left of E. D faces the same direction as H. F sits to the immediate right of C. F and G take same directions.

\$\$\$

Q89. Which of the following is true regarding F as per the given seating arrangement ?

- (1) Only one person sits between F and B
- (2) Only three persons sits between F and H
- (3) A sits second to the left of H
- (4) C sits to the immediate right of F
- (5) F faces the centre

Q90. How many people in the given arrangement face outside ?

- (1) Four
- (2) Two
- (3) One
- (4) Three
- (5) Five

Q91. What is C's position with respect to A ?

- (1) Fourth to the right
- (2) Third to the left
- (3) Second to the left
- (4) Fifth to the left



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(5) Third to the right

Q92. Who sits exactly between G and C when counted from the right of G?

- (1) E
- (2) F
- (3) H
- (4) D
- (5) B

Q93. Who sits to me immediate left of B?

- (1) A
- (2) H
- (3) Other than those given as options
- (4) D
- (5) G

Q94. 'A' went on tour on 15th August, which" was the third Sunday of the month and came back on 30th September. So on which day of the month did he return ?

- (1) Fourth Sunday
- (2) Fourth Tuesday
- (3) Fifth Thursday
- (4) Third Saturday
- (5) None of the above

Q95. If Thursday was the day after the day before Yesterday five days ago. what is the least number of days ago when Sunday was three days before the day after tomorrow?

- (1) Two
- (2) Three
- (3) Four
- (4) Five
- (5) None of these

Q96. Six friends F, Q, R, S, T, and U are sitting around a circular table facing towards centre.

The angle made at the centre of the circle by a straight lines from P and Q is 180° , from Q and R is 120° , from R and S 180° . T is not sitting on the immediate left of R while R is not on the immediate right of P. On the basis of the above information which of the following statements is definitely true ?

- (1) R is sitting between P and S
- (2) T is sitting between P and U
- (3) Q is sitting between S and U
- (4) T and K are sitting opposite each other
- (5) None of the above



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Q97. 13 students are standing in a horizontal row from left to right. If all the odd-numbered students in a row are shifted to the successive odd- numbered positions, what will be the position of a boy, who was seventh in the row initially?

- (1) fifth from left
- (2) fifth from right
- (3) eighth from left
- (4) ninth from right
- (5) None of the above

Q98. 14 students are standing in row from left to right. After interchanging positions, first student goes at 14th place, second goes at 13th place, third goes at 12th and so on. If 'A' was at ninth position before, change then after changing he would be at which place ?

- (1) Fifth from right
- (2) Sixth from right
- (3) Fifth from left
- (4) Sixth from left
- (5) Second from left

Q99. Some equations are solved on the basis of a certain system. On the same basis, find out the correct answer from amongst the four alternatives for the unsolved equation :

$$5 + 6 + 8 = 856,$$

$$7 + 1 + 3 = 371,$$

$$9 + 5 + 4 = ?$$

- (1) 495
- (2) 954
- (3) 459
- (4) 549
- (5) 984

Q100. If HONGKONG is written as 42309230 in a certain code and DELHI is written as 85641. How to write LONDON in that code?

- (1) 623123
- (2) 623823
- (3) 628323
- (4) 623238
- (5) 634156

---Answer---

A1.2

A5.5

A9.1

A2.4

A6.4

A10.4

A3.5

A7.3

A11.3

A4.1

A8.2

A12.3



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A13.2	A43.5	A73.1
A14.3	A44.5	A74.2
A15.2	A45.1	A75.1
A16.1	A46.1	A76.5
A17.1	A47.3	A77.3
A18.2	A48.4	A78.2
A19.5	A49.2	A79.2
A20.3	A50.3	A80.3
A21.2	A51.1	A81.1
A22.3	A52.4	A82.4
A23.1	A53.1	A83.2
A24.1	A54.2	A84.1
A25.2	A55.5	A85.4
A26.5	A56.2	A86.4
A27.5	A57.2	A87.3
A28.4	A58.1	A88.1
A29.1	A59.3	A89.2
A30.3	A60.2	A90.5
A31.2	A61.3	A91.2
A32.1	A62.3	A92.1
A33.5	A63.1	A93.1
A34.4	A64.1	A94.3
A35.3	A65.1	A95.2
A36.3	A66.2	A96.3
A37.5	A67.3	A97.2
A38.5	A68.4	A98.4
A39.4	A69.1	A99.1
A40.2	A70.5	A100.2
A41.5	A71.4	
A42.2	A72.2	

---Answer---

---Explanation---

E16. Use 'ways' in place of way".

E17. Use 'wailing' in place of 'halting'.



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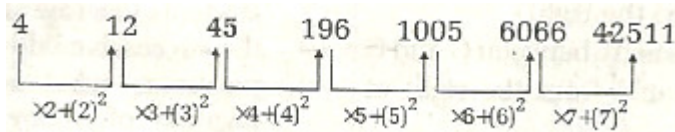
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E18. Use 'late' in place of 'lately'.

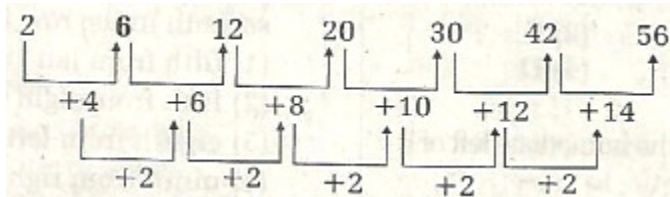
E19. No error.

E20. Use 'tired' in place of 'tiring'.

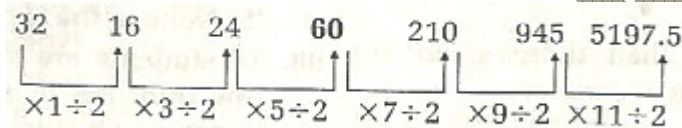
E31.



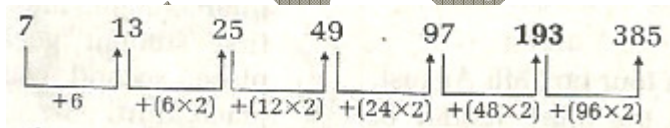
E32.



E33.



E34.



E35. $?^2 + (123)^2 = (246)^2 - (90)^2 - 2462$

$\Rightarrow ?^2 + 15129 = 60516 - 9801 - 2462$

$\Rightarrow ?^2 = 33124$

$\Rightarrow ? = 182$

E36. $414 \times ? \times 7 = 127512$

$\Rightarrow ? = 127512 / 414 \times 7 = 44$



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$$\begin{aligned} \text{E37. } & [(84)2 \div 28 \times 12] \div 24 = 7 \times ? \\ \Rightarrow & [7056 \div 28 \times 12] \div 24 = 7 \times ? \\ \Rightarrow & [7056 \times 1/28 \times 12 \times 1/24] = 7 \times ? \\ \Rightarrow & 126 = 7 \times ? \\ ? & = 18 \end{aligned}$$

$$\begin{aligned} \text{E38. } & (7.9\% \text{ of } 134) - (3.4\% \text{ of } 79) = ? \\ \Rightarrow & ? = 10.586 - 2.686 \\ \Rightarrow & ? = 7.9 \end{aligned}$$

$$\begin{aligned} \text{E39. } & ? = 38.734 + 8.638 - 5.19 \\ \Rightarrow & ? = 47.372 - 5.19 = 42.182 \end{aligned}$$

$$\begin{aligned} \text{E40. } & 7 \times (7)^2 / (7)^3 = (7)^? \\ 7^{1+2+3} & = (7)^? \\ ? & = 1 \end{aligned}$$

$$\begin{aligned} \text{E41. } & ? = \sqrt[3]{512} \div \sqrt[4]{16} + \sqrt{576} \\ ? & = 8 \div 2 + 24 \\ ? & = 4 + 24 = 28 \end{aligned}$$

$$\begin{aligned} \text{E42. } & ? = (42 \times 3.2) \div (16 \times 1.5) \\ & = 134.4 / 24 = 5.6 \end{aligned}$$

$$\begin{aligned} \text{E43. } & ? = 199 + 5^3 \div 4 \times 4^2 \\ ? & = 199 + 31.25 \times 16 \\ ? & = 199 + 500 = 699 \end{aligned}$$

$$\begin{aligned} \text{E44. } & ? + 1099 = 342 \div 6 \times 28 \\ ? + 1099 & = 57 \times 28 \\ ? & = 1596 - 1099 = 497 \end{aligned}$$

$$\begin{aligned} \text{E45. } & \text{Amount} = \text{Rs. } 6,480/- ; \text{ Time} = 7 \text{ years} \\ & \text{Principle} = \text{Rs. } 4,000/- ; \text{ Rate} = ? \end{aligned}$$



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Simple Interest = Amount - Principle

$$= 6480 - 4800$$

$$= \text{Rs. } 1,680/-$$

$$S. I. = P \times r \times t / 100$$

$$1680 = 4800 \times r \times 7 / 100$$

$$\text{Rate} = 1680 \times 100 / 4800 \times 7 = 5\%$$

E46. Principle = Rs. 6,300/-; Rate = 5%

Amount = ? ; Time = 2 years

$$\text{Amount} = P \{1 + r/100\}^n$$

$$= 6300 \{1 + 5/100\}^2$$

$$= 6300 \{105/100 \times 105/100\}$$

$$= 6300 \times 11025 / 10000$$

$$= 6945.75 \approx \text{Rs. } 6946/-$$

E47. BAKERY = 6!

$$= 6 \times 5 \times 4 \times 3 \times 2 \times 1$$

$$= 720$$

E48. Required difference

$$= (51.2 + 40 + 36.5) - (30 + 56 + 25)$$

$$= 127.7 - 111 = 16.7 \text{ thousand} = 16,700$$

E49. Total number of students studying in all colleges together

$$= (51.2 + 40 + 36.5) + (65 + 50 + 33)$$

$$+ (44 + 30 + 60) + (30 + 56 + 25)$$

$$= 520.7 \text{ thousand} = 520,700$$

E50. Required ratio = $40 + 50 / 30 + 56 = 90/86 = 45/43$

E51. Required percentage = $50/65 + 50 + 33 \times 100$

$$= 50/148 \times 100 \approx 34\%$$

E52. Let the quantity of acid in mixture = x

And the quantity of water in mixture = 3x

According to question,



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$$\begin{aligned}x + 5/3x &= 1/2 \\ \Rightarrow 3x &= 2x + 10 \Rightarrow x = 10 \text{ litres} \\ \text{So, total quantity of new mixture} &= x + 3x + 5 \\ &= 4x + 5 \\ &= 4 \times 10 + 5 \\ &= 45 \text{ litres}\end{aligned}$$

E53. Let two numbers be $2x$ and $3x$.
According to question,
 $2x + 4 / 3x + 4 = 5/7$
 $\Rightarrow 15x + 20 = 14x + 28 \Rightarrow x = 8$
So, difference between the number = $3x - 2x$
 $= x = 8$

E54. Let monthly incomes of A and B be Rs. $4x$ and Rs. $3x$ and monthly expenditures be Rs. $3y$ and Rs. $2y$ respectively.
According to question,
 $4x - 3y = \text{Rs. } 6,000/- \quad \dots(i)$
 $3x - 2y = \text{Rs. } 6,000/- \quad \dots(ii)$
By solving equation (i) and (ii),
 $x = \text{Rs. } 6,000/-,$
 $y = \text{Rs. } 6,000/-$
So, monthly income of A = $\text{Rs. } 4x = \text{Rs. } 4 \times 6000$
 $= \text{Rs. } 24,000/-$

E55. Let three consecutive odd numbers are x , $x + 2$ and $x + 4$.
According to question,
 $x + x + 2 + x + 4 / 3 = x/3 + 12$
 $\Rightarrow 3(x + 2) / 3 = x/3 + 12$
 $\Rightarrow x + 2 = x/3 + 12$
 $\Rightarrow 3x + 6 = x + 36$
 $\Rightarrow 2x = 30$
 $\Rightarrow x = 15$
So, third number = $x + 4 = 15 + 4 = 19$

E56. (2); Required average = $18 \times 124 + 64 + 28 - 46 - 82 / 18$



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$$\begin{aligned} &= 2232 + 92 - 128 / 18 \\ &= 2196 / 18 = 122 \end{aligned}$$

E57. Required profit percent = $15 - 12/12 \times 100 = 25\%$

E58. Let marked price of the article = Rs.100/-

\therefore Cost Price = Rs. 64/-

\therefore Selling Price = Rs. 88/-

So, required profit percent

$$= 88 - 64 / 64 \times 100 = 37.5\%$$

E59. \therefore Cost price of 1 egg = Rs. 5/3

And selling price of 1 egg = Rs. 12/5

\therefore Profit = $12/5 - 5/3 = 36 - 25 / 15 =$ Rs. 11/15

\therefore Man gets Rs. 11/15 after selling 1 egg.

\therefore Man will get Rs.143/- after selling = $143 \times 15/11$
= 195 eggs

E60. $? = \sqrt{6} + \sqrt{6} + \sqrt{6} + \dots\dots\dots$

$\Rightarrow ? = \sqrt{6} + x$

$\Rightarrow x = \sqrt{6} + x$ (Let $? = x$)

$\Rightarrow x^2 = 6 + x$

$\Rightarrow x^2 - x - 6 = 0$

$\Rightarrow x^2 - 3x + 2x - 6 = 0$

$\Rightarrow x(x - 3) + 2(x - 3) = 0$

$\Rightarrow (x + 2) = 0$

$\Rightarrow x = -2$

And $(x - 3) = 0$

$\Rightarrow x = 3$

Hence $? = 3$

E61. According to question,

5 Men = 8 Women

\therefore 2 Men = $8 / 5 \times 2 = 16/5$ Women



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$$\therefore \text{Total women} = 16/5 + 4 = 36/5$$

$$\therefore \text{No. of days to do the same work}$$

$$= 8 \times 12 / 36/5 = 8 \times 12 \times 5 / 36$$

$$= 40/3 = 13 \frac{1}{3} \text{ days}$$

E62. Let required number of days = x

According to question,

$$200 \times 31 = (27 \times 200) + (x \times 80)$$

$$6200 = 5400 + 80x \Rightarrow 80x = 800$$

$$\Rightarrow x = 10 \text{ days}$$

E63. Let cost price and marked price be Rs. x and Rs. Y respectively.

$$90\% \text{ of } y = 108\% \text{ of } x$$

$$90 \times y / 100 = 108 \times x / 100$$

$$x/y = 90/108$$

$$\Rightarrow x/y = 5/6$$

E64. Amount received by B = $5/2 \times 100 = \text{Rs. } 250/-$

E66.

Student	Subject	Sport
P	Biology	Cricket
Q	History	Badminton
R	Philosophy	Hockey
S	Geography	Basket ball
T	English	Football
V	Physics	Table Tennis
W	Chemistry	Volleyball

E71.



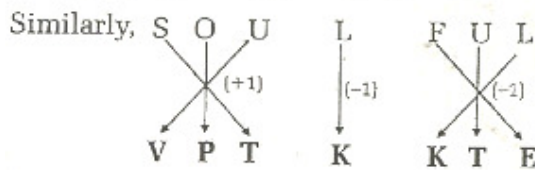
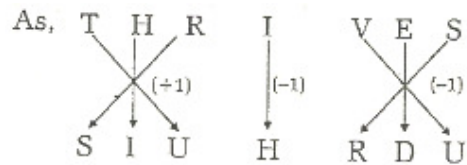
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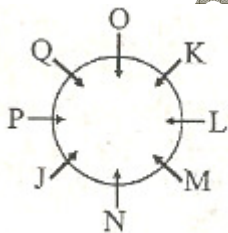
D → 5	N → #	M → %
O → @	A → 6	O → @
W → 9	M → %	D → 5
N → #	E → 3	E → 3

E72. GLUE

E73.



E 74.



E76. Except 'option (5)', first person is sitting immediate right to the second person.

E78. O, Q

E 79.



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- # → ≥
- % → ≤
- @ → >
- \$ → <
- © → =

E79. $R \leq N \geq F > B$

Conclusions:

- I. $F = R \rightarrow$ False { \because Relationship not exist }
- II. $B < N \rightarrow$ True

E80. $H = W \leq R > F$

Conclusions :

- I. $R = H$
 - II. $R > H$
- } Either I or II True

E81. $M < T > K = D$

Conclusions:

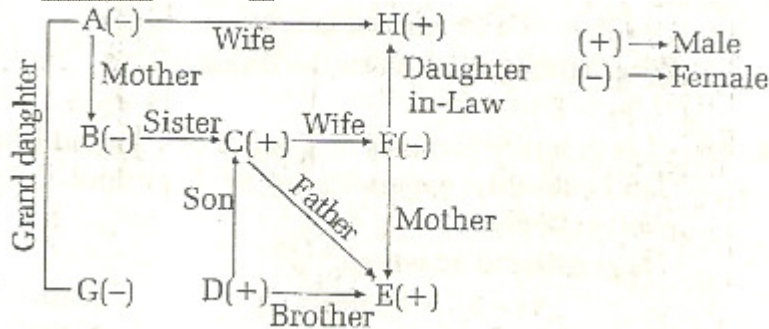
- I. $D < T \rightarrow$ True
- II. $K < M \rightarrow$ False { \because Relationship not exist }

E82. $H > W < M \geq K$

Conclusions :

- I. $K < W \rightarrow$ False { \because Relationship not exist }
- II. $H > M \rightarrow$ False { \because Relationship not exist }

E83.





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E86.

$C \xrightarrow{+6} I \xrightarrow{+6} O \xrightarrow{+6} U$
 $E \xrightarrow{+6} K \xrightarrow{+6} Q \xrightarrow{+6} W$
 $A \xrightarrow{+6} G \xrightarrow{+6} M \xrightarrow{+6} S$

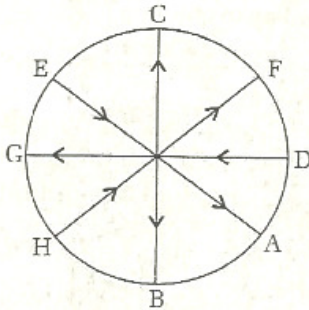
E87.

5 9 1 6 4 8 2 3

In descending order \rightarrow 9 8 6 5 4 3 2 1

E88. PQRST, ABCDE, PQRS, ABCDE, PQRS, ABCD, PQR

E 89.



E94. By Seeing option, it is clear that it will be 5th Thursday of the month on which he returned.

E95. If today is Thursday

Thursday + 5 days + 1 day + 1 day = Thursday

[\therefore 7 days are added]

day after tomorrow = Thursday + 2 = Saturday

Saturday - 6 = Sunday

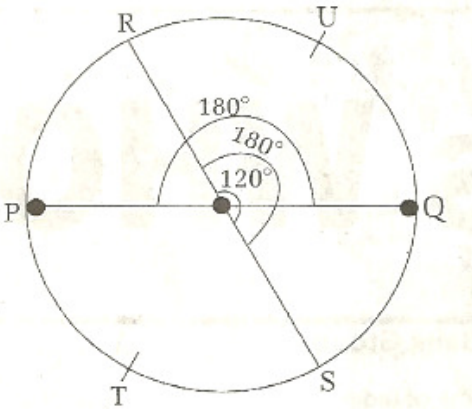
Now, 6 - 3 = 3

E96.



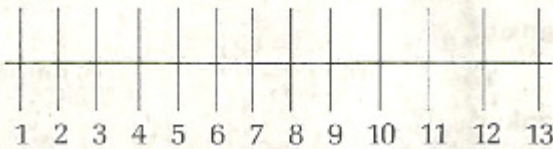
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Angle between P & Q = 180°
Angle between R & S = 180°
Angle between R & Q = 120°
From the figure,
Q is sitting between S and U.

E97. 13 students are placed in the row from left to right

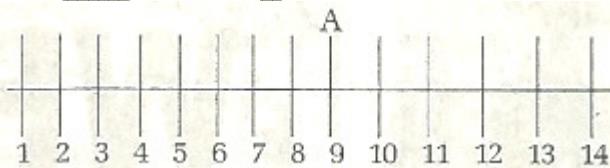


the successive odd-numbered positions, the new figure thus formed will be



Student on the seventh position earlier is fifth from the right.

E98. 14 students are standing in a row from left to right in the given figure.

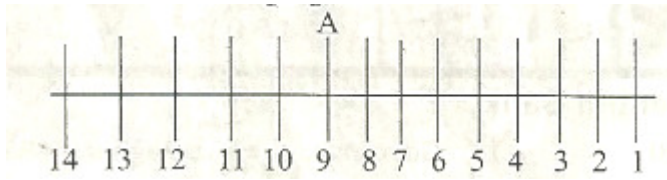


After Interchanging,



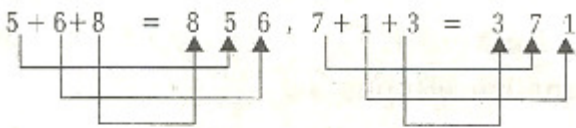
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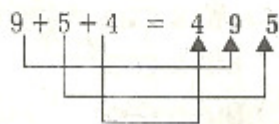


Earlier, A was' at ninth position but after Interchanging the position, A is sixth from the left.

E99.



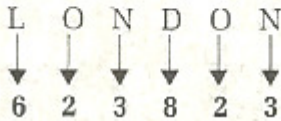
Similarly,



E100.



Similarly,



---Explanation---

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