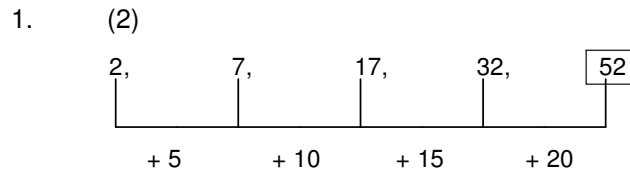


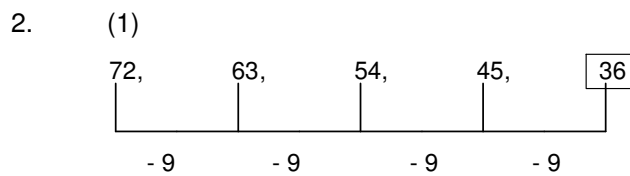
**Directions: Questions (1 to 10):**

In the number series given below, one number is missing. Each series is followed by five alternatives (1), (2), (3), (4) and (5). One of them is the right answer. Identify and indicate it as per the Instructions".

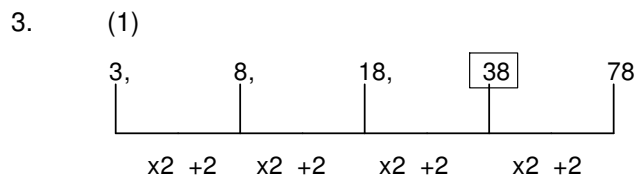
1. 2, 7, 17, 32, .....  
 (1) 42            (2) 52            (3) 47            (4) 27            (5) 62



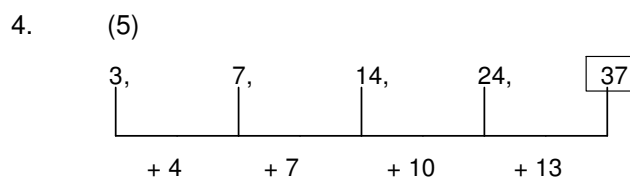
2. 72, 63, 54, 45, .....  
 (1) 36            (2) 81            (3) 27            (4) 90            (5) 18



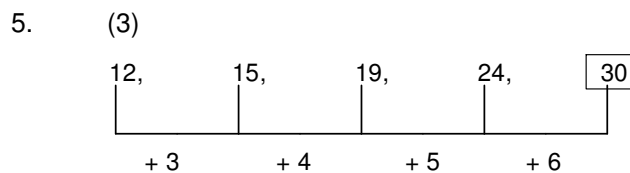
3. 3, 8, 18, ....., 78  
 (1) 38            (2) 50            (3) 28            (4) 48            (5) 58



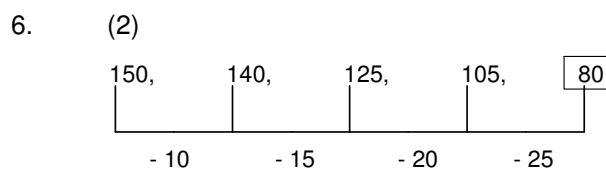
4. 3, 7, 14, 24, .....  
 (1) 34            (2) 28            (3) 38            (4) 40            (5) 37



5. 12, 15, 19, 24, .....  
 (1) 29            (2) 32            (3) 30            (4) 34            (5) 31



6. 150, 140, 125, 105, .....  
 (1) 90            (2) 80            (3) 85            (4) 75            (5) 95



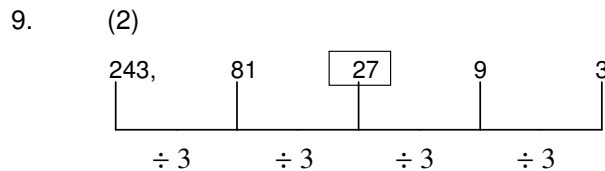
7. 231, 342, 453, 564, .....  
 (1) 576            (2) 475            (3) 675            (4) 567            (5) 676



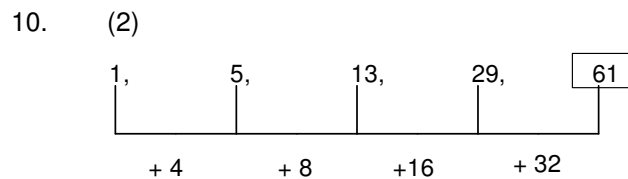
8. 796, 675, 554, 433, .....  
 (1) 512            (2) 231            (3) 213            (4) 312            (5) 321



9. 243, 81, .....9, 3  
 (1) 28            (2) 27            (3) 23            (4) 29            (5) 45



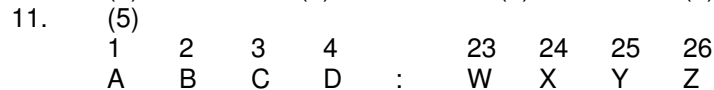
10. 1, 5, 13, 29, .....  
 (1) 60            (2) 61            (3) 59            (4) 42            (5) 45



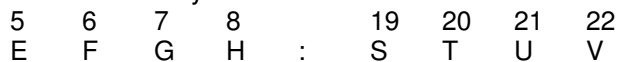
**Directions:**

**Questions (11 to 18)** are based upon letter analogy. There are two pairs of letter combinations in each question. The first (Left hand side) pair has some relationship between its members. In the second pair one member is missing. Find this out from answers (1), (2), (3), (4) and (5), such that this pair has similar relationship as the first pair. Indicate your answers as per the "Instructions".

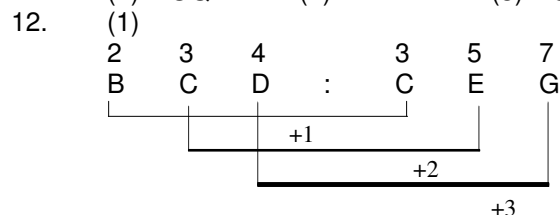
11. ABCD: WXYZ :: EFGH :?  
 (1) STVU            (2) STOU            (3) STUE            (4) TSUV            (5) STUV



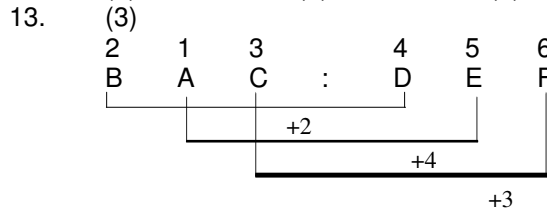
In the same way



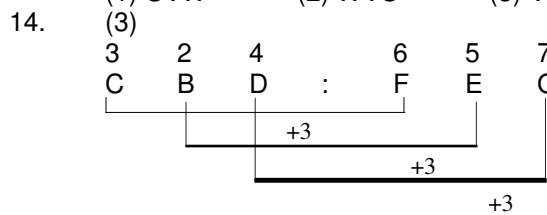
12. BCD : CEG :: LMN : ?  
 (1) MOQ            (2) MNP            (3) NOP            (4) NPQ            (5) OPQ



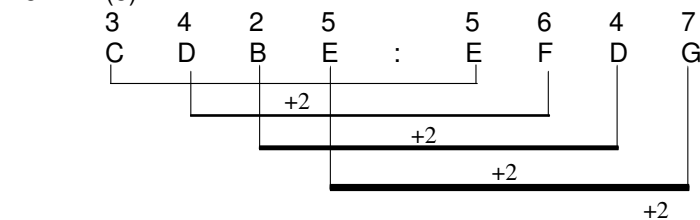
- In the same way  
 12 13 14 : 13 15 17  
 L M N : M O Q  
 13. BAC : DEF :: ..... : NOP  
 (1) MKL (2) SRT (3) LKM (4) HIJ (5) KLM



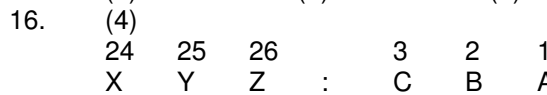
- In the same way  
 12 11 13 : 14 15 16  
 L K M : N O P  
 14. CBD : FEG :: SRT : ?  
 (1) UVW (2) WVU (3) VUW (4) VUX (5) UVX



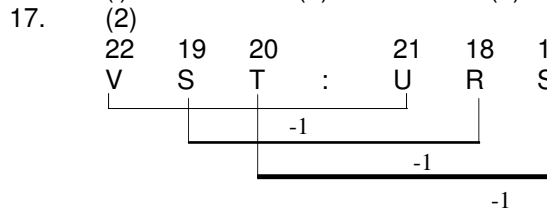
- In the same way  
 19 18 20 : 22 21 23  
 S R T : V U W  
 15. CDBE : EFDG :: NOMP : ?  
 (1) PQRO (2) POQR (3) OPQR (4) NPQO (5) PQOR



- In the same way  
 14 15 13 16 : 16 17 15 18  
 N O M P : P Q O R  
 16. XYZ : CBA :: UVW : ?  
 (1) DEF (2) EFD (3) DFE (4) FED (5) EDF

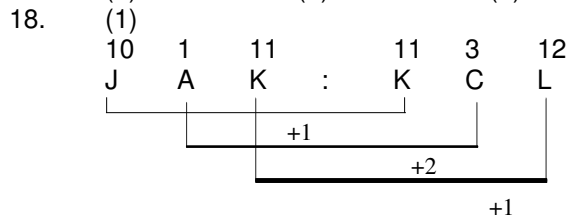


- In the same way  
 21 22 23 : 6 5 4  
 U V W : F E D  
 17. VST : URS :: NKL : ?  
 (1) KLM (2) MJK (3) KJM (4) JKM (5) JKL



- In the same way  
 14 11 12 : 13 10 11  
 N K L : M J K

18. JAK : KCL :: MBN:?  
 (1) NDO (2) MDO (3) NDL (4) NEL (5) NEO

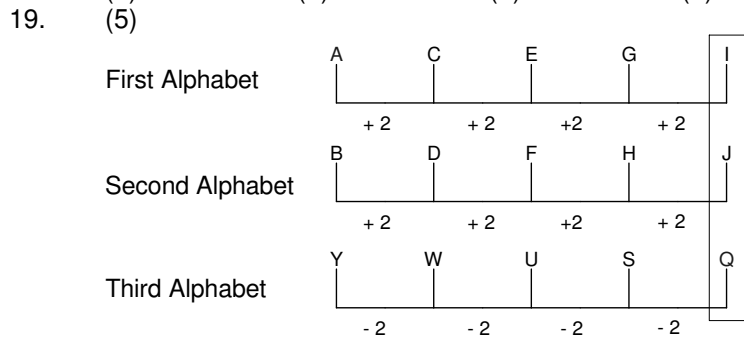


In the same way  
 13 2 14 : 14 4 15  
 M B N : N D O

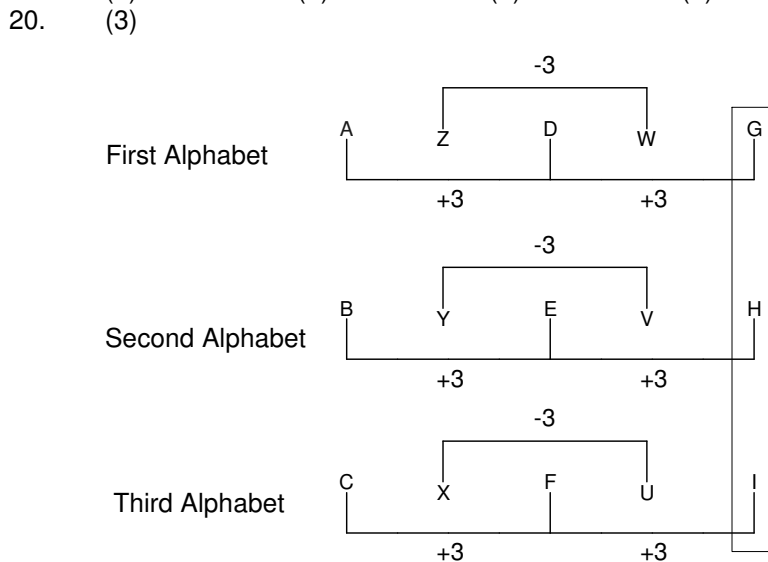
**Directions:**

**Questions (19 to 26) :** In the following questions, Letters/ Letter groups, are arranged in a particular order with, some, underlying criterion. Study the order and choose the answer from the alternatives to fill the gaps.

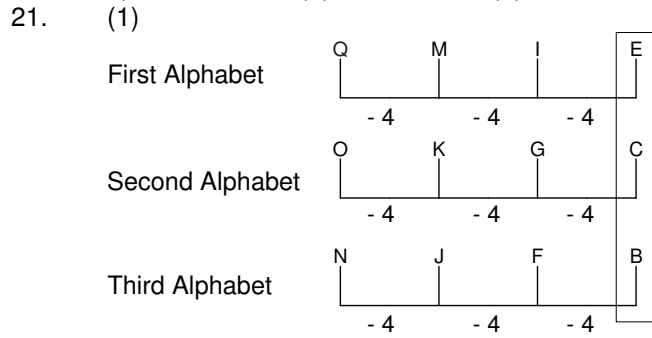
19. ABY, CDW, EFU, GHS, .....  
 (1) IQJ (2) IJS (3) IJR (4) QJI (5) IJQ



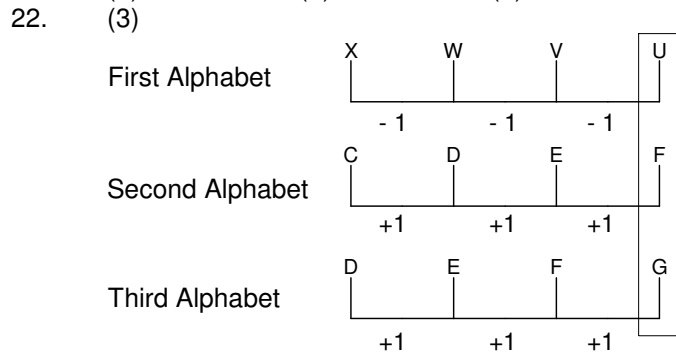
20. ABC, ZYX, DEF, WVU, .....  
 (1) GIJ (2) HIG (3) GHI (4) HIJ (5) EFG



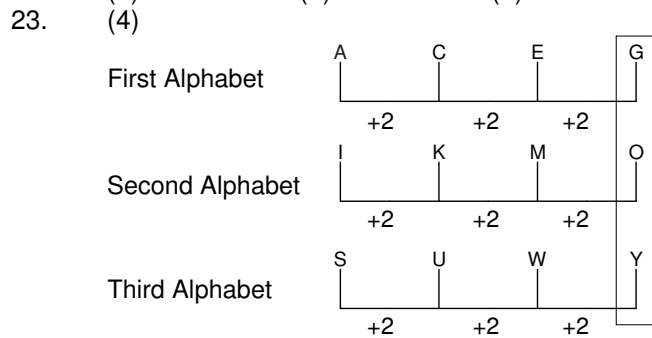
21. QON, MKJ, IGF, .....  
 1) ECB      (2) EBC      (3) BCE      (4) CDE      (5) ECD



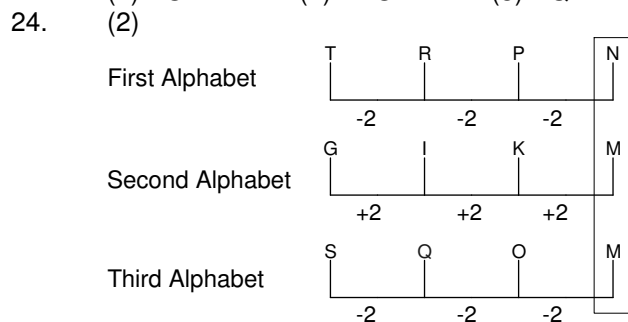
22. XCD, ....., VEF, UFG  
 (1) WED      (2) DEW      (3) WDE      (4) XDE      (5) XED



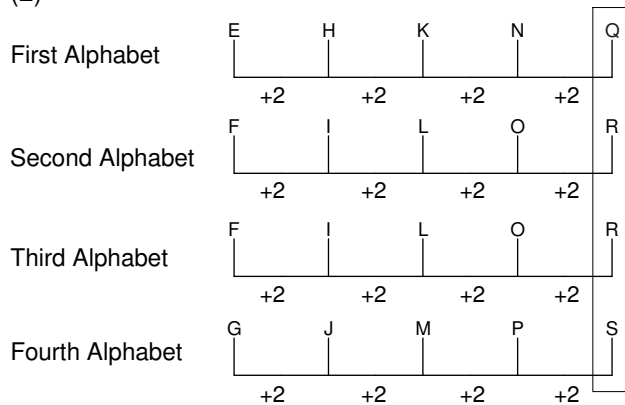
23. AIS, CKU, ....., GOY  
 (1) DMX      (2) DMW      (3) EMV      (4) EMW      (5) EMX



24. TGS, RIQ, ....., NMM  
 (1) POK      (2) PKO      (3) PQR      (4) POR      (5) PKR



25. EFFG, HIIJ, KLLM, NOOP, .....  
 (1) RSST (2) QRRS (3) QRST (4) QSST (5) PQQR  
 25. (2)



26. ABCD, BCDA, CDAB, .....  
 (1) DABC (2) CBDA (3) DCBA (4) CABD (5) CDBA  
 26. (1)

**Directions:**

**Questions (27 to 30) :** In each of the following questions, five words are given. If they are arranged in alphabetical order as in a Dictionary, find out which word comes first. Indicate your answer as per the "Instructions."

27. (1) Summer (2) Sample (3) Skate (4) Serum (5) Sage  
 27. (5)  
 Arranging the words in alphabetical order. We have sage, sample, serum, skate, summer
28. (1) Concern (2) Carrot (3) Cook (4) Camel (5) Cow  
 28. (4)  
 Arranging the words in alphabetical order. We have Camel, Carrot, Concern, Cook, Cow
29. (1) Dirt (2) Discount (3) Drug (4) Dummy (5) Dozen  
 29. (1)  
 Arranging the words in alphabetical order. We have Dirt, Discount, Dozen, Drug, Dummy
30. (1) Vase (2) Vessel (3) Urn (4) Union (5) Wage  
 30. (4)  
 Arranging the words in alphabetical order. We have Union, urn, vase, vessel, wage

**Directions :**

**Questions (31 to 40):** In each of the following questions, five words are given. Four of them are alike in some way. One is different from them. Identify it and indicate as per "Instructions".

31. (1) Hands (2) Legs (3) Fingers (4) Toes (5) Abdomen  
 31. (5)  
 Except (5) all are limbs
32. (1) Bharat (2) Bihar (3) Bengal (4) Karnataka (5) Kerala  
 32. (1)  
 Except (1) all are states
33. (1) Lawyer (2) Lecturer (3) Doctor (4) Judge (5) Preacher  
 33. (5)  
 Except (5) all are professions
34. (1) Russia (2) Sweden (3) Ethiopia (4) Spain (5) Finland  
 34. (3)  
 Except (3) all are European countries
35. (1) Lion (2) Tiger (3) Elephant (4) Jackal (5) Leopard  
 35. (3)  
 Except (3) all are flesh eating animals
36. (1) Orange (2) Honey (3) Apple (4) Lemon (5) Melon  
 36. (2)  
 Except (2) all are fruits
37. (1) Heart (2) Liver (3) Lungs (4) Eyes (5) Kidney  
 37. (4)  
 Except (4) all are inner organs

38. (1) Chair (2) Pen (3) Pencil (4) Paper (5) File  
 38. (1)  
 Except (1) all are stationary objects  
 39. (1) Kho-Kho (2) Football (3) Volleyball (4) Hockey (5) Tennis  
 39. (1)  
 Except (1) all are uses balls  
 40. (1) Earth (2) Jupiter (3) Sun (4) Saturn (5) Venus  
 40. (3)  
 Except (3) all are planets

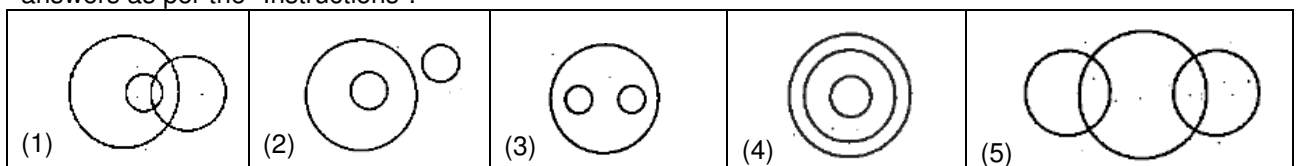
**Directions:**

**Questions (41 to 45)** In these questions, there is a certain relationship between two given words on one side of :: and one word is given on another side of ::, the other word is to be found out from the given five alternatives so that the relationship is the same as for the other pair. Identify correct answer and indicate it as per the "Instructions."

41. Bengaluru : Karnataka :: Kohima : ?  
 (1) Manipur (2) Meghalaya (3) Mizoram (4) Sikkim (5) Nagaland  
 41. (5)  
 Bengaluru is the capital of Karnataka. Similarly Kohima is the capital of Nagaland.  
 42. London : UK :: Bangkok : ?  
 (1) South Korea (2) North Korea (3) Thailand (4) Malaysia (5) Laos  
 42. (3)  
 London is the capital of UK, similarly Bangkok is the capital of Thailand  
 43. Hockey : Stick :: Tennis : ?  
 (1) Bat (2) Racket (3) Ball (4) Court (5) Player  
 43. (2)  
 In hockey, ball is hit with a stick, similarly in Tennis ball is hit with a Racket  
 44. Oxygen : Heart :: Fuel : ?  
 (1) Car (2) Engine (3) Truck (4) Bike (5) Plane  
 44. (2)  
 Oxygen is processed by the heart, similarly fuel is processed by engine  
 45. Orange : Fruit :: Spinach : ?  
 (1) Vegetable (2) Root (3) Bush (4) Flower (5) Branch  
 45. (1)  
 Orange is fruit while spinach is vegetable

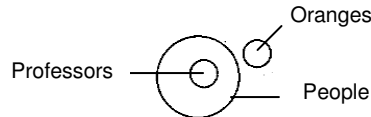
**Directions:**

**Questions (46 to 51)** are based on the following diagrams. Study them carefully and indicate correct answers as per the "Instructions".

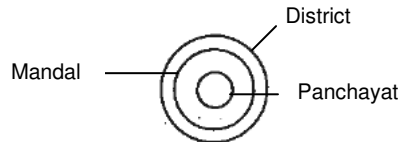


46. Young people, Elderly people, Artists.  
 46. (5)  
  
 47. Writers, Guitarists, Musicians.  
 47. (1)  
  
 48. Flies, Locusts, Insects.  
 48. (3)

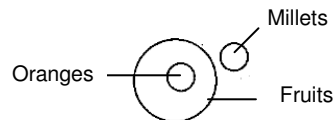
49. People, Professors, Oranges.  
49. (2)



50. District, Mandal, Panchayat.  
50. (4)

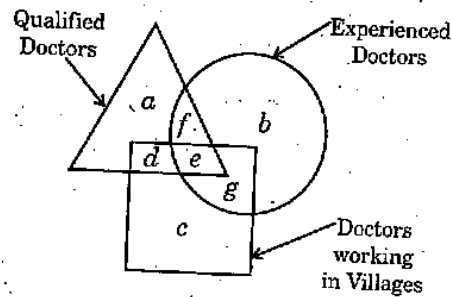


51. Fruits, Oranges, Millets  
51. (2)



**Directions:**

**Questions (52 to 56) :** With the help of the given diagram, answer the following questions making the right choice from the given alternatives. Indicate the answer as per the "Instructions"



52. Qualified and experienced doctors working in villages are represented by the letter ....  
(1) a                      (2) f                      (3) e                      (4) d                      (5) g
52. (3)
53. Qualified and experienced doctors working outside of villages are represented by ....  
(1) d                      (2) e                      (3) f                      (4) c                      (5) b
53. (3)
54. Experienced but not qualified doctors working in villages are represented by ....  
(1) g                      (2) c                      (3) b                      (4) d                      (5) f
54. (1)
55. Doctors who are neither qualified nor experienced but working in villages are represented by  
(1) c                      (2) g                      (3) d                      (4) e                      (5) b
55. (1)
56. Qualified but not experienced doctors working outside of villages are represented by  
(1) f                      (2) e                      (3) d                      (4) b                      (5) a
56. (5)

**Directions:**

**Questions (57 to 61) :** If in a language (say English), A is coded as 1, B is coded as 2 and so on, how are the following letters groups are coded in that language?

57. FHC1  
(1) 6389                      (2) 8369                      (3) 6893                      (4) 8936                      (5) 6839
57. (5)
58. GADBH  
(1) 71248                      (2) 81248                      (3) 71428                      (4) 81428                      (5) 82419
58. (3)
59. HBD FE  
(1) 82654                      (2) 84265                      (3) 82465                      (4) 86426                      (5) 84626
59. (3)
60. GCEAI  
(1) 72519                      (2) 73519                      (3) 73591                      (4) 75391                      (5) 71539
60. (2)



61. IHGFED  
 (1) 987651 (2) 978562 (3) 897654 (4) 897645 (5) 987654  
 61. (5)

**Directions:**

**Questions (62 to 66) :** If in a language, RIDGE is coded as 43567 and NAME is coded as 8217, how are the following words coded ? Indicate the answer as per "Instructions".

62. DANGER  
 (1) 528764 (2) 528746 (3) 527846 (4) 526874 (5) 528674  
 62. (5)  
 R I D G E is coded as 4 3 5 6 7  
 N A M E is coded as 8 2 1 7  
 i.e R - 5, I - 3, D - 5, G - 6, E - 7; N - 8, A - 2, M - 1, E - 7

63. MANNER  
 (1) 127884 (2) 127784 (3) 128784 (4) 128874 (5) 218874  
 63. (4)  
 64. RANGER  
 (1) 428674 (2) 428764 (3) 428874 (4) 448672 (5) 426874  
 64. (1)  
 65. IMAGE  
 (1) 32167 (2) 31267 (3) 32176 (4) 32267 (5) 31266  
 65. (2)  
 66. DAMAGE  
 (1) 522167 (2) 521267 (3) 521276 (4) 512267 (5) 512276  
 66. (2)

**Directions:**

**Questions (67 to 75)** are based on simple arithmetic principles, Find the right answer from among the alternatives and indicate it as per the "Instructions".

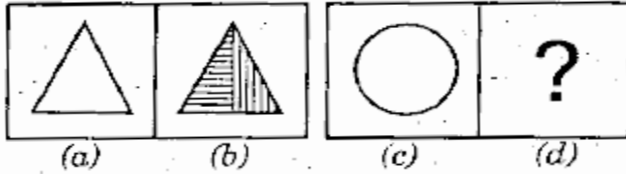
67.  $(250 \times 7) - 36 = ?$   
 (1) 1718 (2) 1736 (3) 1714 (4) 1750 (5) 1724  
 67. (3)  
 68.  $24x - 20 = 105 - x; x = ?$   
 (1) 2 (2) 1 (3) 4 (4) 3 (5) 5  
 68. (5)  
 69.  $85 \div \dots = 8,500$   
 (1) 5 (2) 1 (3) 0.01 (4) 0.001 (5) 5  
 69. (3)  
 70.  $40\% 80 - 80\% 40 = ?$   
 (1) 0.0 (2) 4.0 (3) 8.0 (4) 30.0 (5) 32.0  
 70. (1)  
 71.  $50.9 - 7.5 + 1.6 =$   
 (1) 40.0 (2) 35.0 (3) 36.0 (4) 45.0 (5) 44.5  
 71. (4)  
 72.  $(44 \div 1000) + 0.006 = ?$   
 (1) 0.44 (2) 0.05 (3) 0.005 (4) 0.045 (5) 0.046  
 72. (2)  
 73.  $(7)^3 - 33 = ?$   
 (1) 300 (2) 305 (3) 320 (4) 330 (5) 310  
 73. (5)  
 74.  $\frac{26}{4} + \frac{14}{3} = ?$   
 (1) 11.0 (2)  $10\frac{1}{6}$  (3)  $11\frac{1}{6}$  (4)  $12\frac{1}{5}$  (5)  $11\frac{2}{3}$   
 74. (3)  
 75.  $5678 + 4321 = ?$   
 (1) 9999 (2) 9899 (3) 9900 (4) 9990 (5) 9099  
 75. (1)

**Directions:**

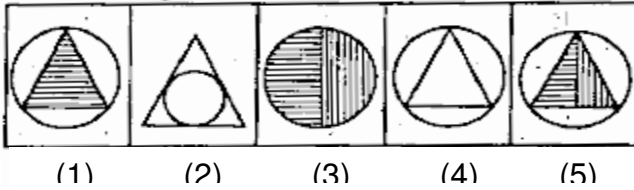
**Questions (76 to 80) :** Each question has four problem figures 'a', 'b', 'c' and 'd'. Figure 'd' has only a question mark '?'. Figure 'b' bears certain relationship to 'a'. Similarly one of the answer figures bears similar relationship to 'c'. Find this out and indicate it as per the "Instructions".

**76.**

*Problem Figures*



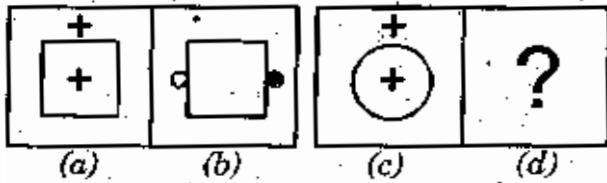
*Answer Figures*



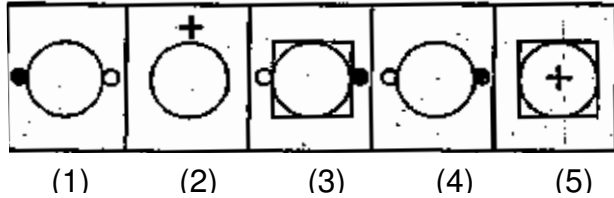
76. (3)

**77.**

*Problem Figures*



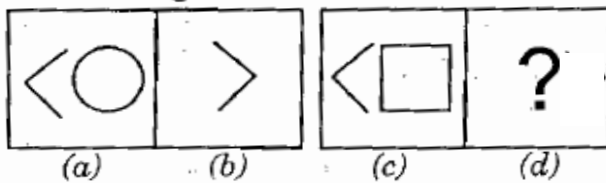
*Answer Figures*



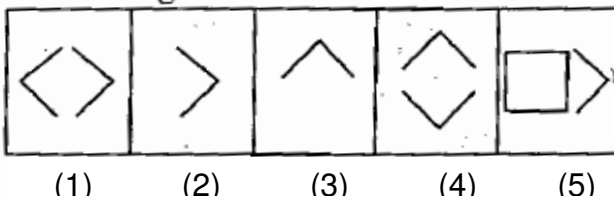
77. (4)

**78.**

*Problem Figures*



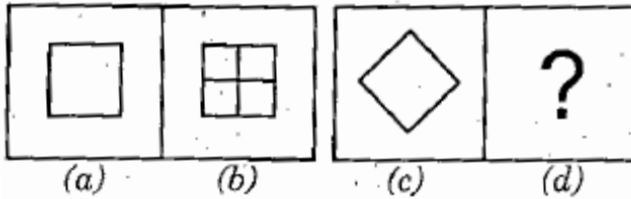
*Answer Figures*



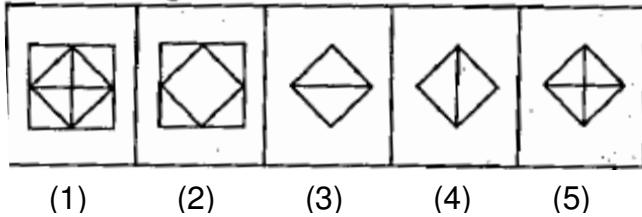
78. (2)

79.

*Problem Figures*



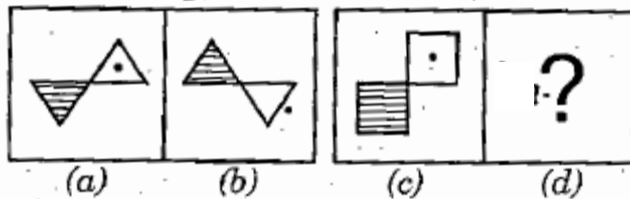
*Answer Figures*



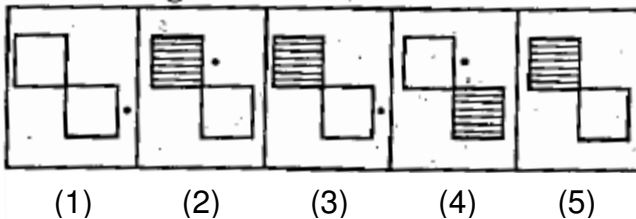
79. (5)

80.

*Problem Figures*



*Answer Figures*

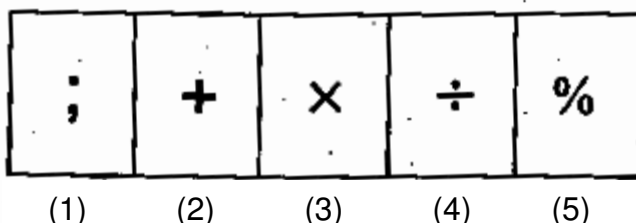


80. (3)

**Directions:**

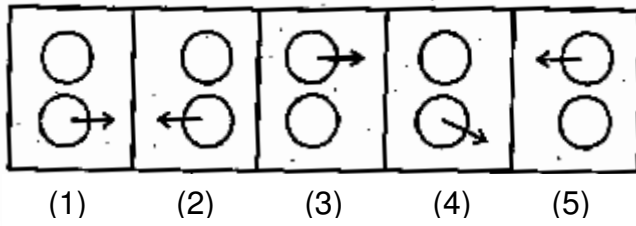
**Questions (81 to 85) :** In these questions, there are five figures. Four of them are similar with some common characteristic underlying them. Find out the figure that does not belong to the group. Indicate your answer as per the "Instructions".

81.



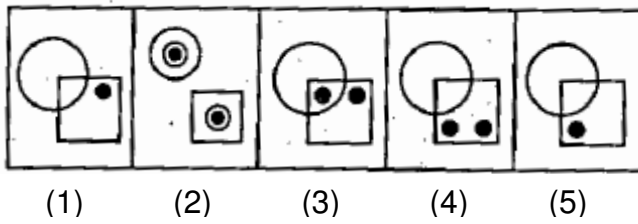
81. (1)  
Except (1) all others are algebraic operators.

82.



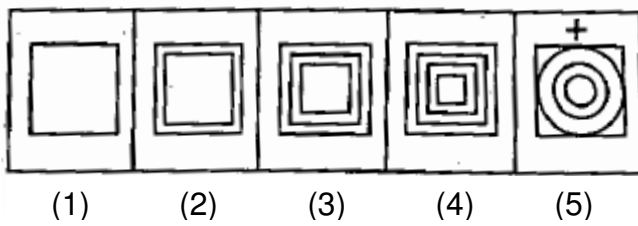
82. (4)  
Except (4) in all other figures arrow either showing left or right.

83.



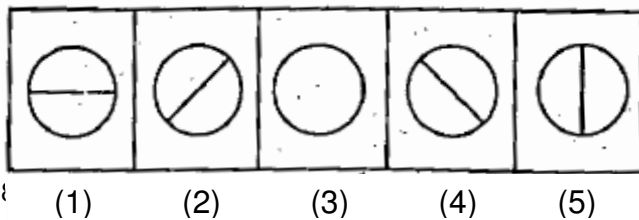
83. (2)

84.



84. (5)  
Except (5) all other figures having only squares.

85.



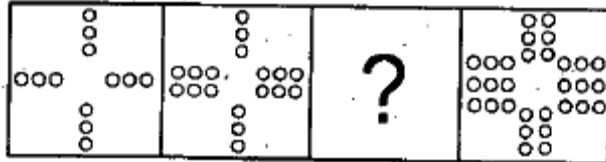
85. (3)  
Except (3) all other circles having line passing through the centre.

**Directions:**

**Questions (86 to 90) :** In these questions, there are four problem figures 'A', 'B', 'C' and 'D'. One of them is, however, missing. You have to select one figure from the five answer figures, (1), (2), (3), (4) and (5) such that the series is completed. Indicate your answer as per the "Instructions".

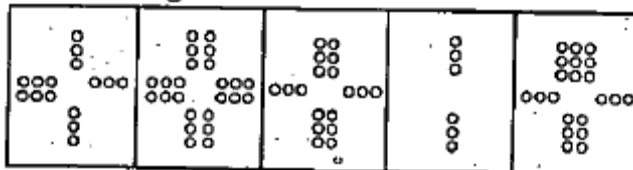
**86.**

*Problem Figures*



(A) (B) (C) (D)

*Answer Figures*

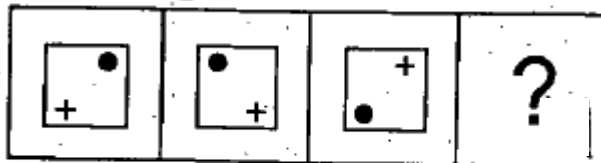


(1) (2) (3) (4) (5)

86. (2)

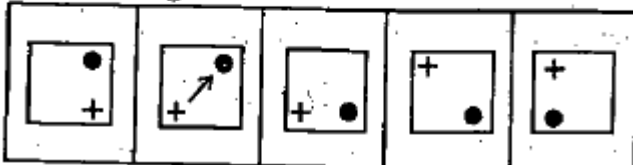
**87.**

*Problem Figures*



(A) (B) (C) (D)

*Answer Figures*

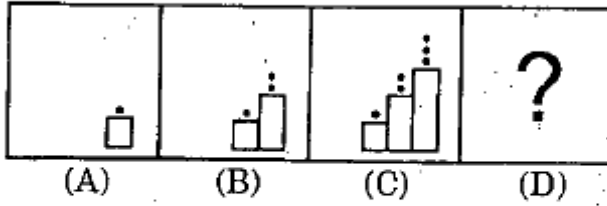


(1) (2) (3) (4) (5)

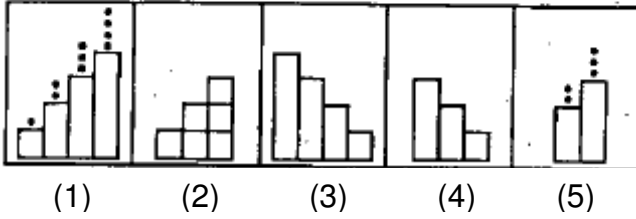
87. (4)

88.

*Problem Figures*



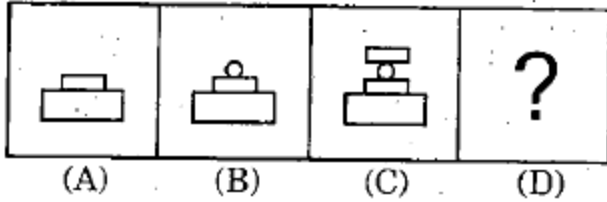
*Answer Figures*



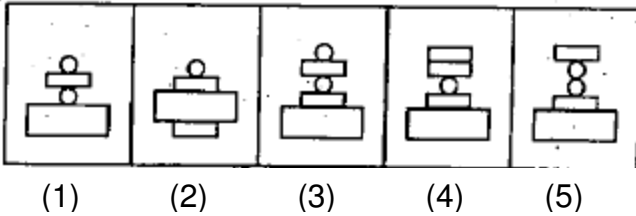
88. (1)

89.

*Problem Figures*



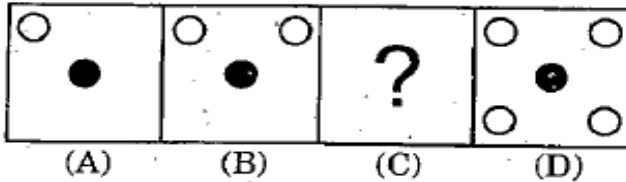
*Answer Figures*



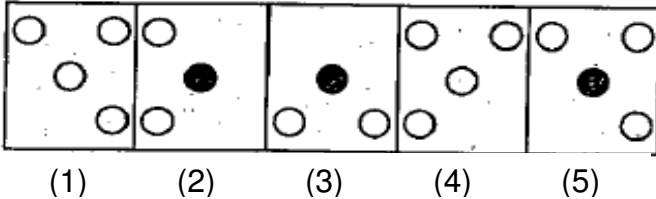
89. (3)

90.

*Problem Figures*



*Answer Figures*



90. (5)