

Directions (Q. 1 to 7): In each of the following questions, a number series is given which is in accordance with some certain rule. What is the correct answer for the place of sign of interrogation out of given alternatives?

1. 5, 7, 20, 21, 80, 63, ?, 189
(a) 300 (b) 305
(c) 310 (d) 315
(e) 320
2. 7, 9, 13, 21, ?
(a) 30 (b) 32
(c) 35 (d) 36
(e) 37
3. 2, 9, 28, 65, 126, ?
(a) 187 (b) 217
(c) 242 (d) 344
(e) 355
4. 5, 30, 6, 42, 7, 56, ?
(a) 6 (b) 8
(c) 9 (d) 10
(e) 12
5. 161, 160, 152, ?, 115, 86
(a) 127 (b) 137
(c) 140 (d) 142
(e) 144
6. 51, 44, 37, ?, 23
(a) 32 (b) 28
(c) 30 (d) 26
(e) 24
7. 1, 1, 2, 4, 7, 11, 16, ?
(a) 22 (b) 20
(c) 21 (d) 24
(e) 23
8. In a certain code, MADRAS is coded as NBESBT. How is BOMBAY coded in that code?
(a) CPNCBX (b) CPNCBZ
(c) CPOCBZ (d) CQOCBZ
(e) CNPCBX
9. In a certain language NATURE is coded as MASUQE. How is FAMINE coded in that code?
(a) FBMJND (b) FZMHND
(c) GANIOE (d) BALIME
(e) FZMJME

10. If white is called blue
blue is called red
red is called yellow
yellow is called green
green is called black
black is called violet
and violet is called orange.
What would be the colour of human blood?
(a) Red (b) Green
(c) Yellow (d) Violet
(e) Orange

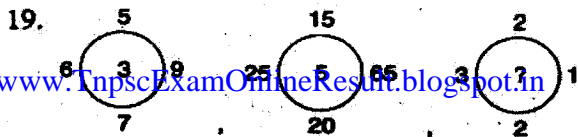
11. In a certain code '37' means 'which class' and '583' means 'caste and class'. What is the code for 'caste'?
(a) 3 (b) 7
(c) 8 (d) Either 5 or 3
(e) Either 5 or 8
12. If DELHI is coded as 73541 and CALCUTTA is coded as 82589662. How will CALICUT be coded?
(a) 5279431 (b) 5978213
(c) 8251896 (d) 8543691
(e) 1694358
13. If INSTITUTION is coded as NOITUTITSNI. How PERFECTION will be coded?
(a) NOICTEFREP (b) NOITCEFERP
(c) NOITCEFRPE (d) NOITCEFREP
(e) NOITCEPPER

Directions (Q. 14 to 17): In each of the following questions various terms of a letter series are given with one term missing as shown by (?) choose the missing term out of the given alternatives.

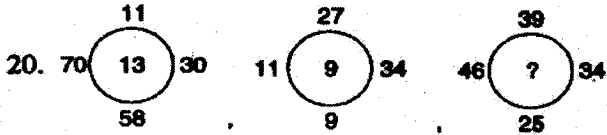
14. AZ, XL, CV, ID, ?
(a) PD (b) ER
(c) RE (d) OQ
(e) QQ
15. A, B, D, G, ?
(a) M (b) L
(c) K (d) H
(e) N
16. Y, W, U, S, Q, ??
(a) NJ (b) ML
(c) JR (d) LM
(e) OM
17. U, O, I, ? A
(a) E (b) C
(c) S (d) G
(e) F

Directions (Q. 18 to 23): The numbers in the first two figures are arranged according to a particular rule. You have to select the correct answer which is to be written at the place of sign of interrogation for third figure.

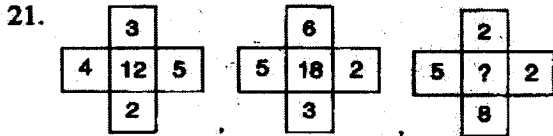
18. $\begin{matrix} & 9 & & & 4 & & & & 25 \\ 25 & \textcircled{18} & 16 & & 81 & \textcircled{28} & 64 & & 64 & \textcircled{?} & 144 \\ & 36 & & & & 49 & & & & 36 \end{matrix}$
(a) 19 (b) 23
(c) 24 (d) 25
(e) 31



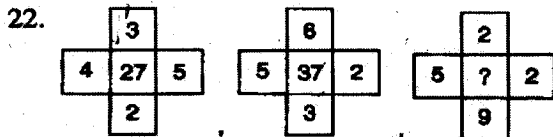
- (a) 4 (b) 6
(c) 2 (d) 3
(e) 5



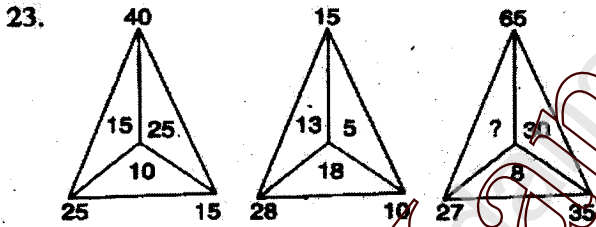
- (a) 12 (b) 15
(c) 17 (d) 18
(e) 19



- (a) 20 (b) 16
(c) 12 (d) 14
(e) 18

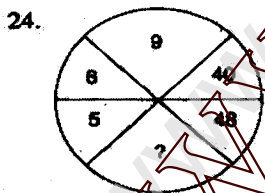


- (a) 37 (b) 45
(c) 47 (d) 55
(e) 57



- (a) 20 (b) 25
(c) 30 (d) 33
(e) 40

Directions (Q. 24 to 27): In the following questions insert the missing number in place of question mark from the given alternatives.



- (a) 54 (b) 70
(c) 72 (d) 80
(e) 63

25.

3	7	9	13	17
5	12	15	22	?

- (a) 25 (b) 26
(c) 28 (d) 29
(e) 33

26.

4	7	3	2
416	749	309	?

- (a) 204 (b) 104
(c) 404 (d) 401
(e) 402



- (a) 50 (b) 0
(c) 10 (d) 64
(e) 65

Directions (Q. 28 to 29): A shopkeeper uses a code OLISPAH = 28 where

O = Re 1/-
L = Rs 2/-
I = Rs 3/-

and so on. Bearing this coding scheme in mind, answer the questions.

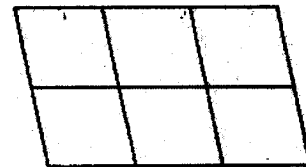
28. What price does SOAP denotes?

- (a) Rs 120 (b) Rs 18
(c) Rs 16 (d) Rs 61
(e) Rs 71

29. What is price of an article marked OIL?

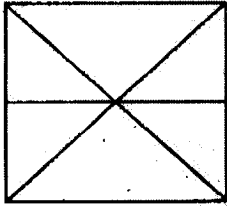
- (a) Rs 10 (b) Rs 9
(c) Rs 8 (d) Rs 6
(e) Rs 4

30. How many parallelograms are there in the figure given below?



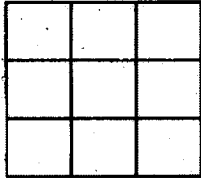
- (a) 14 (b) 15
(c) 16 (d) 18
(e) 17

31. Count the number of triangles in the following figure.



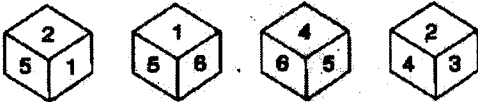
- (a) 6
- (b) 8
- (c) 12
- (d) 10
- (e) 11

32. How many squares are there in the following figure?



- (a) 9
- (b) 10
- (c) 13
- (d) 15
- (e) 14

33. In the following figures various surfaces of a cube are shown. Which number faces opposite to 4?



- (a) 2
- (b) 3
- (c) 5
- (d) 1

Directions (Q. 34 to 36): In these questions the four figures are called problem figures and the five figures are called answer figures. You have to find out that if the problem figure continues to change in the same order what could be the fifth figure?

34. Problem Figures



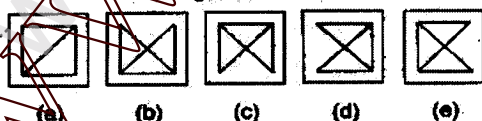
Answer Figures



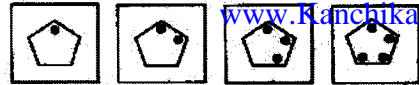
35. Problem Figures



Answer Figures



36. Problem Figures



Answer Figures



- (a)
- (b)
- (c)
- (d)
- (e)

Directions (Q. 37 to 38): Find the odd man out.



- (a)
- (b)
- (c)
- (d)
- (e)



- (a)
- (b)
- (c)
- (d)
- (e)

Directions (Q. 39 to 41): The letters and numbers have been arranged under some rule. Based on that rule find the missing number and letter?

	B	D	H	Y	M	?	C	O
39.	2	4	?	25	13	6	3	15

- (a) 8 and F
- (b) 7 and I
- (c) 21 and G
- (d) 18 and A
- (e) 9 and Z

	13	E	9	?	5	M
40.	C	11	G	?	K	3

- (a) I and 7
- (b) 7 and I
- (c) 15 and J
- (d) J and 15
- (e) 2 and A

	A	4	C	16	?	F
41.	1	B	?	D	25	36

- (a) 81 and H
- (b) 9 and E
- (c) 9 and H
- (d) 49 and G
- (e) 9 and G

Directions (Q. 42 to 44): A gold smith has five gold rings, each having different weight.

Statement-1 Ring A is weighing twice as much as ring B.

Statement-2 Ring B is weighing four times as much as ring C.

Statement-3 Ring C is weighing half, as much as ring D.

Statement-4 Ring D is weighing one third as much as ring E.

42. Which of the following represents the descending order of weight of rings
(a) ABECD (b) AEBDC
(c) CDBEA (d) BDCEA
(e) AEBDC
43. Which of the following represents the ascending order of weights of rings.
(a) ABECD (b) AEBDC
(c) CDBEA (d) BDCEA
(e) CDEBA
44. Which of the pairs of rings have ratio 1 : 2 in respect of their weights.
(a) A and E
(b) B and C
(c) C and D
(d) C and D as well as D and B
(e) D and E
45. Five boys took part in a race. Raj finished before Mohit but behind Gaurav, Ashish finished before Sachin but behind Mohit. Who won the race?
(a) Raj (b) Gaurav
(c) Mohit (d) Ashish
(e) Sachin

Directions (Q. 46 to 48): Read the following information and answer the questions:

Five men ABCD and E read a newspaper. The one who reads first gives it to C. The one who reads last had taken from A. E was not the first or last to read.

There are two readers between B and A.

46. B passed the newspaper to whom?
(a) A (b) C
(c) D (d) E
(e) None of these
47. Who reads the newspaper last?
(a) A (b) B
(c) C (d) D
(e) E
48. Who reads the newspaper after C?
(a) A (b) D
(c) E (d) B
(e) C
49. If Kamal says, "Ravi's mother is only daughter of my mother". How Kamal is related to Ravi?
(a) Grandfather
(b) Father
(c) Brother
(d) Cannot be determined
(e) None of these

50. Deepak said to Nitin, "that boy playing with football is younger of the two brothers of the daughter of my father's wife". How is the boy playing football related to Deepak?

- (a) Brother (b) Father in law
(c) Maternal Uncle (d) Husband
(e) None of these

51. Pointing out a photograph, a man tells his friend, "she is the daughter of the only son of my father's wife". How is the girl in the photograph related to the man?

- (a) Daughter (b) Cousin
(c) Mother (d) Sister
(e) Niece

52. Pointing out a photograph, a man said, "I have no brother or sister but that man's father is my father's son". Whose photograph was it?

- (a) His Own (b) His Son's
(c) His Father's (d) His Nephew's
(e) None of these

53. Pointing to a man on the stage, Rita says, "He is the brother of the daughter of the wife of my husband". How is the man on the stage related to Rita?

- (a) Son (b) Husband
(c) Cousin (d) Nephew
(e) Brother in law

Directions (Q. 54 to 60): In each of the following number series, one term is wrong. The correct term is given as one of the five alternatives under it. Find the correct term in each case which will replace the wrong one.

54. 7, 19, 11, 19, 15, 15, 19, 11
(a) 7 (b) 13
(c) 17 (d) 23
(e) 19
55. 5, 7, 11, 13, 15, 19, 23
(a) 17 (b) 18
(c) 15 (d) 16
(e) 9
56. 1, 2, 9, 28, 60, 126
(a) 62 (b) 63
(c) 64 (d) 65
(e) 66
57. 3, 5, 9, 17, 36
(a) 35 (b) 32
(c) 29 (d) 30
(e) 33

58. 1, 3, 8, 15, 24, 35

www.TnpscExamOnlineResult.blogspot.in

- (a) 1 (b) 1
(c) 2 (d) 3
(e) 4

59. 2, 3, 5, 8, 13, 22, 34

- (a) 25 (b) 21
(c) 28 (d) 27
(e) 26

60. 1, 2, 6, 24, 119, 720

- (a) 20 (b) 21
(c) 120 (d) 22
(e) 122

Directions (Q. 61 to 64): In each of the questions, you are provided with a combination of alphabets followed by a set of five alternatives a, b, c, d and e. Choose the correct water image of the given combination from these alternatives.

61. MOB

- (a) BOM (b) NOB
(c) WOB (d) BOW
(e) BOW

62. DISCARD

- (a) DRACSID (b) DISCARD
(c) DRYCSID (d) DISCARD
(e) DISCVRD

63. SNACK

- (a) SNACK (b) SNACK
(c) SNACK (d) SNACK
(e) SNACK

64. AFGANISTAN

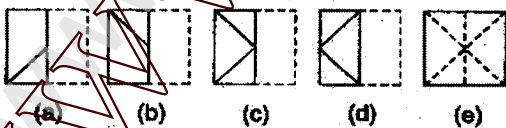
- (a) AFGANISTAN
(b) AFGANISTAN
(c) AFGANISTAN
(d) AFGANISTAN
(e) AFGANISTAN

Directions (Q. 65 to 70): In each of the following problems, a square transparent sheet with a pattern is given. Figure out from amongst the five alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line, choose the correct alternative out of given response figures.

65. Transparent Sheet



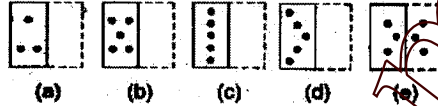
Response Figures



66. Transparent Sheet



Response Figures



67. Transparent Sheet



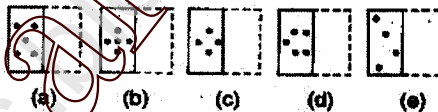
Response Figures



68. Transparent Sheet



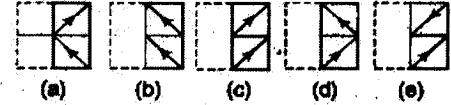
Response Figures



69. Transparent Sheet



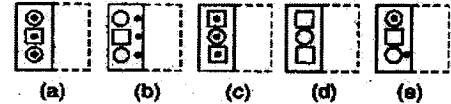
Response Figures



70. Transparent Sheet

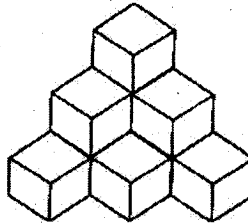


Response Figures

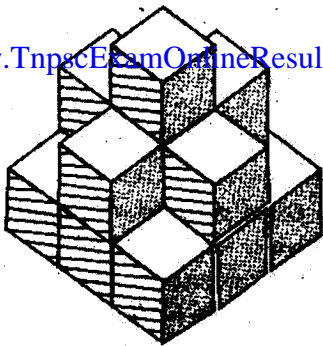


Directions (Q. 71 to 73): Count the number of cubes in the given figure and choose the correct answer out of given alternatives.

71.

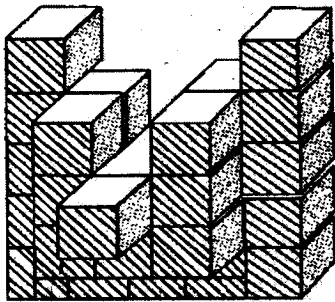


- (a) 8 (b) 9
(c) 10 (d) 11
(e) 12



- (a) 15 (b) 12
(c) 18 (d) 16
(e) 14

73.



- (a) 25 (b) 30
(c) 32 (d) 34
(e) 36

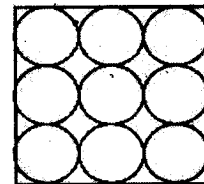
Directions (Q. 74 to 75): In each of the following questions, arrange the given words in a meaningful sequence and then choose the most appropriate sequence from given alternatives:

74. 1. Family 2. Community
3. Member 4. Locality
5. Country
(a) 31245 (b) 31254
(c) 31425 (d) 31452
(e) 13245
75. 1. Milkyway 2. Sun
3. Moon 4. Earth
5. Stars
(a) 43251 (b) 34251
(c) 23451 (d) 14325
(e) 13245
76. If you are eleventh in a queue starting from either end, how many persons in the queue?
(a) 11 (b) 20
(c) 21 (d) 22
(e) 23
77. A is B's daughter, B is C's mother, D is C's brother. How D is related to A?
(a) Father (b) Grandfather
(c) Brother (d) Son
(e) Daughter

Directions (Q. 78 to 82): Study the letter series carefully and see, which letters are missing in the series given from question numbers 78 to 82. Select

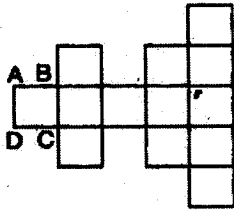
the correct group of letters from given alternative which complete the series.

78. bc - b - c - b - ccb
(a) bbcb (b) cbcb
(c) cbcb (d) bcbe
(e) ccbb
79. ab - - bc - bc - bc
(a) abab (b) abca
(c) acca (d) caaa
(e) bcac
80. - ab - c - dd -
(a) abcd (b) addc
(c) abca (d) acba
(e) abac
81. a - cd - bc - ab - a
(a) badc (b) adab
(c) cdba (d) acdb
(e) bacd
82. cb - bcba - b -
(a) aabc (b) ccca
(c) bbcb (d) aaab
(e) bbba
83. If HOTEL is coded as 60. How will you code BORE?
(a) 62 (b) 40
(c) 42 (d) 26
(e) 24
84. If HOTEL is coded as 300. How will you code BORE?
(a) 140 (b) 160
(c) 200 (d) 180
(e) 150
85. If HOTEL is coded as 30. How will you code BORE?
(a) 5 (b) 10
(c) 15 (d) 20
(e) 25
86. The diameter of each circle shown in the given figure is 'd' then the area of the square is given by:



- (a) $9d^2$ (b) $9d$
(c) $3d^2$ (d) $\frac{3}{4}d^2$
(e) $\frac{4}{3}d^2$

87. In the given figure, the area of square ABCD is A. What is the area of whole figure?



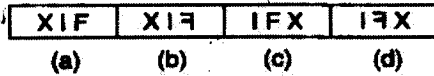
- (a) 13 A
- (b) 13 A²
- (c) 169 A²
- (d) 169 A
- (e) 5 A

Directions (Q. 88 to 93): In each of the following questions choose the correct mirror image of the figure (X) from amongst the alternatives given with it.

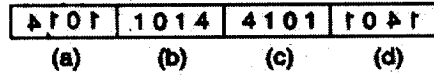
88. WEST
(X)



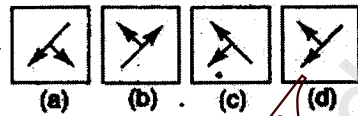
89. FIX
(X)



90. 1014
(X)



91. (X)



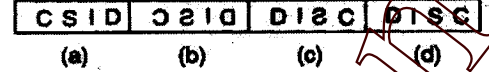
92. (X)



93. (X)

Directions (Q. 94 to 100): In each one of the following questions choose the correct water image of the figure (X) given with it.

94. DISC
(X)



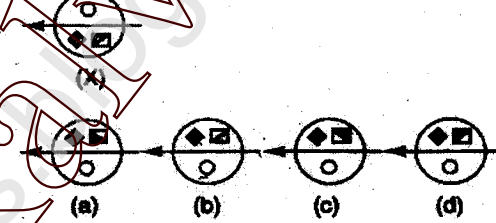
95. FRUIT
(X)



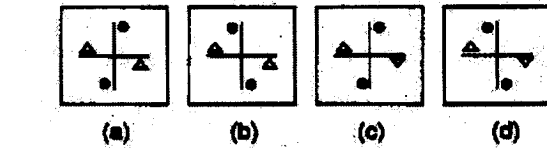
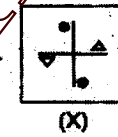
96. AIM3b
(X)



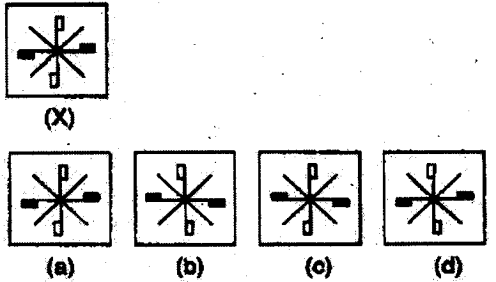
97. (X)



98. (X)



99. (X)



100. (X)

