

General Intelligence & Reasoning

Directions : In questions no. 1 to 7, select the related word/letters from the given alternatives.

1. Blue whale : Sea :: ? : Land
(A) Turtle (B) Fish
(C) Elephant (D) Green whale
2. Anaemia : Blood :: Anarchy : ?
(A) Disorder (B) Monarchy
(C) Government (D) Lawlessness
3. Hard : Rock :: Soft : ?
(A) Lead (B) Paper
(C) Sponge (D) Glass
4. DHLP : BDFH :: FLRX : ?
(A) CFHL (B) CFIL
(C) FHLK (D) HLKM
5. DIMP : CJLQ :: UWZA : ?
(A) XTYB (B) TXBY
(C) XTBY (D) TXYB
6. ABDH : CFHP :: JKMQ : ?
(A) LOSY (B) KOQY
(C) KPQR (D) LOQY
7. IJKL : STUV :: MNOP : ?
(A) PQRS (B) RSTU
(C) VWXY (D) WXYZ

Directions : In questions no. 8 to 15, find the odd word/number/letters from the given alternatives.

8. (A) Sparrow (B) Kingfisher
(C) Nightingale (D) Bat
9. (A) Dive (B) Trench
(C) Canal (D) Ditch
10. (A) 206 (B) 125
(C) 27 (D) 8
11. (A) Shack (B) Barn
(C) Stable (D) Barrack
12. (A) GALLOP (B) SINK
(C) ALBINO (D) CRAB
13. (A) Crew (B) Company
(C) Army (D) Ants
14. (A) eMnT (B) iRsL
(C) oKsZ (D) vGtN
15. 1. 1, 2, 4, 5 2. 6, 7, 14, 15
3. 3, 4, 8, 9 4. 4, 5, 10, 12
(A) 1 (B) 3
(C) 4 (D) 2

Directions : In questions no. 16 to 19, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

16. STU, WXY, ABC, ?

- (A) DEF (B) EFG
(C) FCG (D) EGF

17. A3E, F5J, K7O, ?

- (A) Q11T (B) Q9V
(C) P9T (D) P11T

18. GX, JU, NR, SO, ?

- (A) VL (B) YL
(C) XB (D) YA

19. BAT, EAT, HAT, ?

- (A) CAT (B) FAT
(C) RAT (D) KAT

20. Find the wrong term in the following series :

49, 49, 50, 54, 60, 79, 104

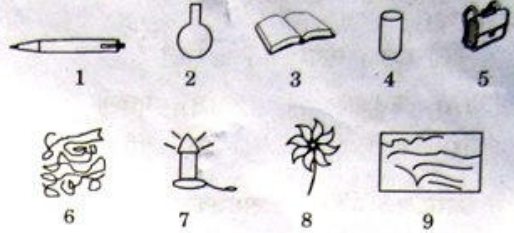
- (A) 60 (B) 49
(C) 104 (D) 54

21. Among the four sets, find out the set, which is like the given set.

Given set : (12, 72, 216)

- (A) (4, 24, 48) (B) (7, 42, 252)
(C) (11, 60, 30) (D) (5, 30, 90)

22. A series of figures are given which can be grouped as related to students, artists and scientists. Select the groups into which the figures can be classified.



1. Pen 2. Flask
3. Book 4. Test tube
5. School bag 6. Design
7. Flame 8. Flower
9. Painting

- (A) (1, 3, 5) (2, 4, 7) (6, 8, 9)
(B) (2, 3, 5) (1, 6, 7) (4, 8, 9)
(C) (1, 2, 6) (3, 4, 8) (7, 5, 9)
(D) (3, 4, 5) (1, 2, 6) (7, 8, 9)

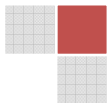
23. Which one of the following numbers lacks the common property in the series ?

81, 36, 25, 9, 5, 16

- (A) 5 (B) 9
(C) 36 (D) 25

24. A car travels 20 miles in the same time as another car, travelling 20 MPH faster, covers 30 miles. How long does the journey take ?

- (A) 31 minutes (B) 29 minutes
(C) 30 minutes (D) 28 minutes



25. A person walks 9 km to the South. From there he walks 5 km to the North. After this he walks 3 km to the West. In which direction and how far is he now from the starting point ?

(A) 4 km South
(B) 4 km North
(C) 5 km North West
(D) 5 km South West

26. Shankar and Ganesh walked 150 meters towards East. Shankar turned left and walked 100 meters. Ganesh went straight for another 100 meters. Afterwards Ganesh turned to right and Shankar turned left. In which direction are they facing now ?

(A) East and North
(B) West and South
(C) North and South
(D) South and North

27. Complete the third equation on the basis of a certain system followed in the first two equations.

1. $1 \times 8 \times 5 \times 3 \times 7 = 73581$

2. $5 \times 7 \times 6 \times 2 \times 4 = 42675$

3. $9 \times 4 \times 3 \times 2 \times 8 = ?$

(A) 83924 (B) 82349
(C) 28394 (D) 28934

28. Identify the hidden name of the geometrical figure in the given word from among the answer words whose letters are given in jumbled form.

SPIRITUAL

(A) RISPAL (B) RITUAL
(C) SPIRIT (D) RIPITU

Directions : In questions no. 29 to 31, select the missing number from the given responses.

29.

8	7	6
8	7	6
88	77	?
5632	3773	3132

(A) 66 (B) 87
(C) 78 (D) 76

30.

28	35	32
7	5	8
4	3	?
8	10	9

(A) 3 (B) 5
(C) 6 (D) 7

31. $12(288)_2; 5(50)_2, 19(?)_2$

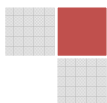
(A) 722 (B) 324
(C) 776 (D) 684

32. In the alphabetical order A, B, C, D, ... Z, which letter is 11th to the left of the letter which is 4th to the right of T ?

(A) K (B) O
(C) I (D) M

33. If DEGI is equal to 25, what is FEHD equal to ?

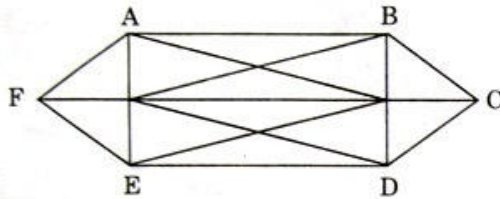
(A) 32 (B) 25
(C) 52 (D) 23



34. If SISTER is coded as 20, 10, 20, 21, 6, 19, then the code for BROTHER is
- (A) 2, 15, 16, 21, 9, 5, 18
 (B) 3, 19, 16, 21, 9, 6, 19
 (C) 4, 20, 15, 18, 8, 7, 9
 (D) 3, 18, 16, 20, 9, 7, 19

35. If $64 + 53 = 4$, $86 + 42 = 4$, then $83 + 72 = ?$
- (A) 12 (B) 10
 (C) 15 (D) 18

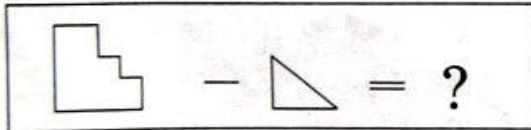
36. How many triangles are there in the figure ABCDEF?



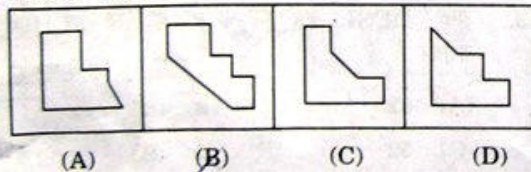
- (A) 24 (B) 26
 (C) 28 (D) 30

37. In the question, one part of the problem figure is subtracted. Select the option that shows the correct shape after subtraction.

Question figure :



Answer figures :

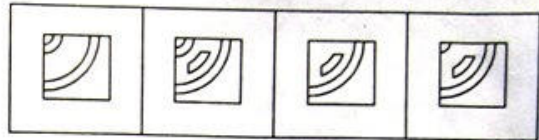


38. Find the answer figure which completes the question figure.

Question figure :



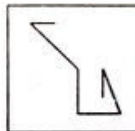
Answer figures :



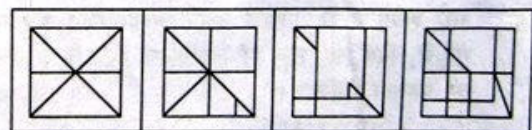
- (A) (B) (C) (D)

39. Select the answer figure in which the question figure is hidden.

Question figure :



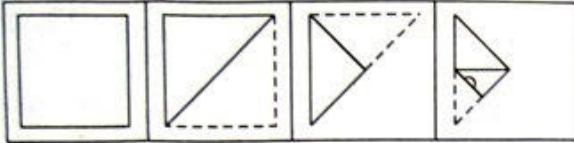
Answer figures :



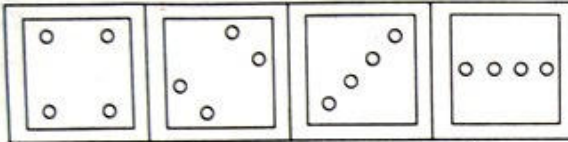
- (A) (B) (C) (D)

40. A square sheet of paper has been folded and punched as shown below in the question figures. You have to figure out from amongst the four answer figures, how it will appear when opened ?

Question figure :



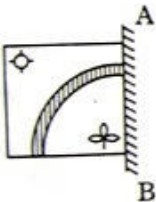
Answer figures :



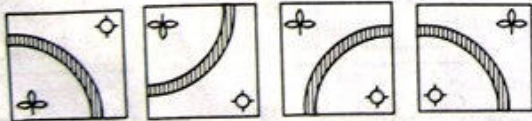
(A) (B) (C) (D)

41. If a mirror is placed on the line AB, then which of the answer figures is the correct image of the given question figure ?

Question figure :



Answer figures :



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

Directions : In question no. 42, one statement is given followed by two conclusions. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statement.

42. Statement :

Go by aeroplane to reach Delhi from Chennai quickly.

Conclusions :

I. Chennai and Delhi are connected by aeroplane service.

II. There is no other means of going from Chennai to Delhi.

(A) Only conclusion I is implicit

(B) Only conclusion II is implicit

(C) Both conclusions I and II are implicit

(D) Neither conclusion I nor II is implicit

43. If America is called Greenland, Greenland is called Africa, Africa is called Russia, Russia is called India and India is called Pakistan; Delhi is called the capital of which country ?

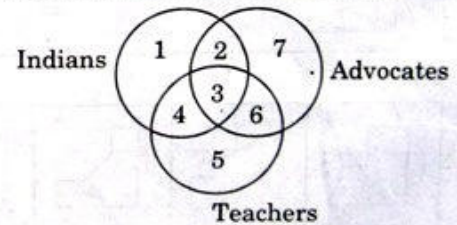
(A) Russia

(B) India

(C) Pakistan

(D) Greenland

44. Which number space indicates Indian teachers who are also advocates ?



(A) 2

(B) 3

(C) 4

(D) 6

45. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in the 2 matrices given below. The columns and rows of matrix I are numbered from 0 to 4 and that of matrix II from 5 to 9. A letter from these matrices can be represented first by its row and next column number. E.g. 'F' can be represented by 14, 21, etc. 'T' can be represented by 59, 78, etc. Similarly identify the set for the word POSE.

MATRIX I

	0	1	2	3	4
0	D	E	F	I	N
1	I	N	D	E	F
2	E	F	I	N	D
3	N	D	E	F	I
4	F	I	N	D	E

MATRIX II

	5	6	7	8	9
5	O	P	R	S	T
6	S	T	O	P	R
7	P	R	S	T	O
8	T	O	P	R	S
9	R	S	T	O	P

- (A) 87, 55, 89, 43
 (B) 68, 98, 58, 21
 (C) 75, 86, 67, 14
 (D) 56, 67, 77, 01

46. Which will appear third in the dictionary ?

- (A) Monarchy (B) Monastic
 (C) Monetary (D) Moneyed

47. Arrange the following words according to dictionary order :

1. Banquet
 2. Bangle
 3. Bandage
 4. Bantam
 5. Bank

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

48. In the question below, some numbers are given in rows A, B, C, D. In three rows, the numbers are related to each other while the numbers in one row hold no relation. Identify that row.

- (A) 5, 4, 1, 2 (B) 6, 8, 10, 12
 (C) 10, 8, 2, 4 (D) 15, 12, 3, 6

49. If Q means add to, J means multiply by, T means subtract from, K means divided by, then

$$30 K 2 Q 3 J 6 T 5 = ?$$

- (A) 18 (B) 28
 (C) 31 (D) 103

50. If I means 'x', You means '+', We means '-' and He means '÷', then what will be the value of 8 I 12 He 16 You 2 We 10 ?

- (A) 45 (B) 94
 (C) 96 (D) 112