

## PART A

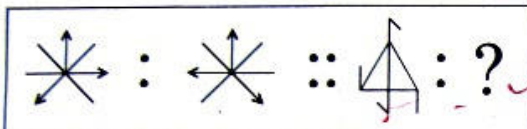
## GENERAL INTELLIGENCE AND REASONING

**Directions :** In questions no. 1 to 4, select the related letters/word/number/figure from the given alternatives.

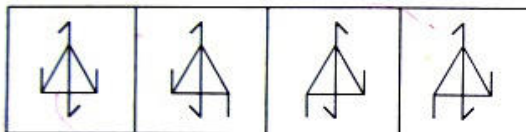
1.  $1 : 6 :: 8 : ?$

- (A) 11 (B) 13  
(C) 12 (D) 14

2. Question figures :



Answer figures :



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

3.  $N \times M : 14 \times 13 :: X \times Z : ?$

- (A)  $24 \times 23$  (B)  $23 \times 24$   
(C)  $24 \times 26$  (D)  $26 \times 23$

4. RIDE : LNBE :: HELP : ?

- (A) NINP (B) BAJP  
(C) JPCH (D) BJJP

**Directions :** In questions no. 5 to 9, find the odd word/letters/number pair from the given alternatives.

5. (A) DFIMR (B) CEHLQ  
(C) GILPU (D) HJMPT

6. (A) Gallon (B) Ton  
(C) Quintal (D) Kilogram

7. (A) 120 - 560 (B) 91 - 299  
(C) 78 - 169 (D) 104 - 429

8. (A) Ring (B) Tyre  
(C) Plate (D) Bangle

9. (A) Eyes (B) Ears  
(C) Throat (D) Skin

**Directions :** In question no. 10, which one of the given responses would be a meaningful order of the following ?

10. 1. Birth 2. Death 3. Childhood  
4. Infancy 5. Adolescence 6. Adulthood  
7. Old age

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

11. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

\* \_ b \_ b a a a b b \_ a \_ b b \_ a \_

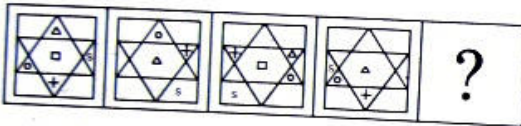
- (A) abbaaba (B) ababbaa  
(C) babaaba (D) baabaab

**Directions :** In questions no. 12 to 14, a series is given, with one term missing. Choose the correct alternative from the given ones that will complete the series.

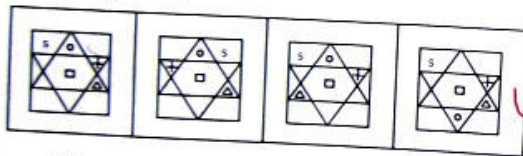
12. WORLD, XPSME, ?, ZRUOG

- (A) YQTNF (B) YRTNF  
(C) YTQNF (D) YQNTF

13. Question figures :



Answer figures :



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

14. 100, 50, 52, 26, 28, ?, 16, 8

- (A) 30 (B) 36  
(C) 14 (D) 32

15. In a group of equal number of cows and herdsmen the number of legs was 28 less than four times the number of heads. The number of herdsmen was

- (A) 7 (B) 28  
(C) 21 (D) 14

16. If P is the husband of Q and R is the mother of S and Q, what is R to P ?

- (A) Mother (B) Sister  
(C) Aunt (D) Mother-in-law

17. The average age of 19 boys in a class is 21 years. If the teacher's age is included, the average increases to 22 years. What is the teacher's age ?

- (A) 39 years (B) 41 years  
(C) 40 years (D) 44 years

18. Hari remembers that his father's birthday is between 13<sup>th</sup> and 16<sup>th</sup> of June, whereas his sister remembers that their father's birthday is between 14<sup>th</sup> and 18<sup>th</sup> of June. On which day is their father's birthday, which both agree ?

- (A) 14<sup>th</sup> June (B) 15<sup>th</sup> June  
(C) 16<sup>th</sup> June (D) 17<sup>th</sup> June

19. In a family Mr. Prakash has his wife and his two married brothers of whom one has two children and another has no issue. How many members are there in the family ?

- (A) 12 members  
(B) 8 members  
(C) 6 members  
(D) 10 members

20. If  $\alpha \delta \gamma \chi \epsilon$  is decoded as ARGUE and  $\sigma \phi \lambda \pi \epsilon$  is SOLVE, what is  $\pi \alpha \gamma \chi \epsilon \lambda \omega$  ?

- (A) VAGUELY (B) VAGRANT  
(C) VAGUELE (D) VAGUER

VAGUELE

21. In a code language, the following alphabets are coded in a particular way :

A B C D E F G H I P R S T O  
? ! ; : . > <  $\Delta$   $\square$   $\odot$   $\oplus$   $\star$   $\omega$  +

Which word can be decoded as

?  $\odot$   $\odot$   $\oplus$  + ? ;  $\Delta$ .

- (A) ABOLISH  
(B) APPROVAL  
(C) ACCOMPLISH.  
(D) APPROACH

22. From the given alternative words, select the word which **cannot** be formed using the letters of the given word :

'DETERMINATION'

- (A) DETENTION  
(B) DESTINATION  
(C) TERMINATE  
(D) DOMINATE

23. Some letters are given with numbers from 1 to 7. Select the sequence of numbers which arranges the letters into a meaningful word.

S O U B R C E  
1 2 3 4 5 6 7

241657

- (A) 4216573 (B) 2416537  
(C) 2146357 (D) 2416357

24. Arrange the given words in the sequence in which they occur in the Dictionary and locate the last word.

- (A) Frankenstein  
(B) Frankincense  
(C) Frankalmoign  
(D) Frauendienst

25. If 'MERCURY' is written as 'FGIECAB' in a code, how can 'CURE' be written in that code ?

- (A) GCFI (B) ECAB  
(C) ECAG (D) EAGC

26. If CAT is coded as 3120, what code number can be given to NAVIN ?

- (A) 14122914 (B) 49274654  
(C) 73957614 (D) None of these

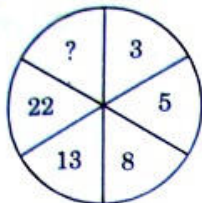
Directions : In questions no. 27 to 32, select the missing number / letters from the given responses.

27.

AZ	BY	CX
DW	EV	FU
GT	?	IR

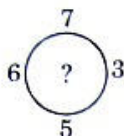
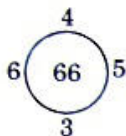
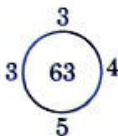
- (A) HR (B) HS  
(C) HV (D) HT

28.



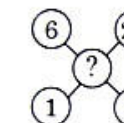
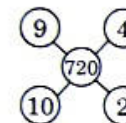
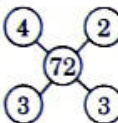
- (A) 1 (B) 26  
(C) 39 (D) 45

29.



- (A) 57 (B) 53  
(C) 105 (D) 111

30.



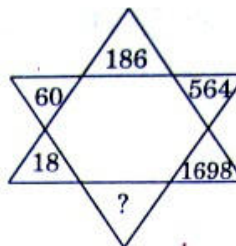
- (A) 72 (B) 720  
(C) 7200 (D) 38

31.

6	9	12
36	81	144
24	63	?

- (A) 120 (B) 80  
(C) 94 (D) 102

32.



- (A) 5052 (B) 5100  
(C) 5094 (D) 4860

33.

$$16 \div 4 = 74$$

$$21 \div 7 = 33$$

$$81 \div 9 = 99$$

then  $55 \div 5 = ?$

- (A) 110 (B) 1001  
(C) 11 (D) 1011

34.

If +, -,  $\times$ ,  $\div$ , =, > and < are represented as  $\delta$ ,  $\bullet$ ,  $\gamma$ ,  $\eta$ ,  $\omega$ ,  $\beta$  and  $\alpha$  respectively, then which of the following is correct?

- (A)  $3 \gamma 6 \eta 2 \delta 8 \bullet 4 \omega 5$   
(B)  $3 \eta 6 \gamma 2 \delta 8 \bullet 4 \beta 5$   
(C)  $3 \gamma 6 \bullet 2 \delta 8 \eta 4 \alpha 5$   
(D)  $3 \delta 6 \bullet 2 \gamma 8 \eta 4 \omega 5$

35.

If  $\circ = 6$ ,  $\triangle = 3$ ,  $\square = 5$ ,  $\diamond = 4$ ,  $\square = 8$ ,  $\square = 10$ , then  $(\square \times \triangle) \div \diamond = ?$

- (A)  $\circ$  (B)  $\diamond$   
(C)  $\square$  (D)  $\triangle$



36. Rama left home and walked 5 km southwards, turned right and walked 2 km and turned right and walked 5 km and turned left and walked 5 km. How many kilometers will she have to walk to reach her home straight ?

- (A) 5 (B) 7  
(C) 17 (D) 15

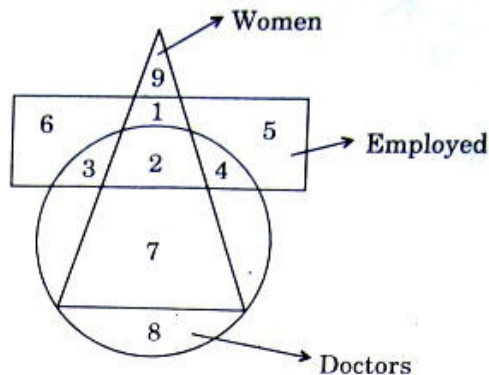
37. Four children, Akram, Bopsi, Priya and Tulsi are on a ladder. Akram is further up the ladder than Bopsi. Bopsi is in between Akram and Priya. If Tulsi is still further than Akram, who is the second person from the bottom ?

- (A) Tulsi (B) Akram  
(C) Priya (D) Bopsi

38. Jaya started from house with son Rakesh and moved to North. Before signal point, Rakesh's school bus took him to the right side. Jaya continued in the same line and got petrol filled in the scooter. Then she turned to her left and entered a supermarket. In which direction is the supermarket located from the petrol pump ?

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

39. In the following figure, which number represents the Women Doctors who are not Employed ?



- (A) 7 (B) 3  
(C) 1 (D) 8

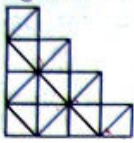
40. Daily in the morning the shadow of Gol Gumbaz falls on Bara Kaman and in the evening the shadow of Bara Kaman falls on Gol Gumbaz exactly. So in which direction is Gol Gumbaz to Bara Kaman ?

- (A) Eastern side  
(B) Western side  
(C) Northern side  
(D) Southern side

41. Which one of the following Venn diagrams represents the best relationship between Snake, Lizard, Reptiles ?

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

42. How many squares are there in the given figure ?

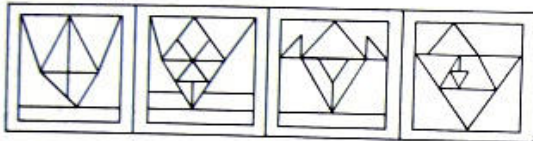


- (A) 10 (B) 11  
(C) 12 (D) 14
43. From the given answer figures, select the one in which the question figure is hidden/embedded.

Question figure :

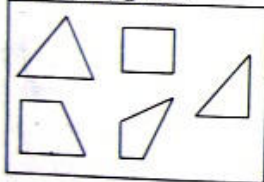


Answer figures :

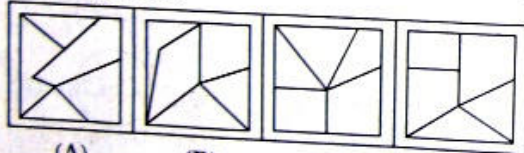


- (A) (B) (C) (D)
44. Among the four answer figures, which one can be formed from the cut out pieces given below in the question figure ?

Question figure :



Answer figures :



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

SPACE FOR ANSWERS

45. Three statements are given followed by four conclusions I, II, III and IV. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follow from the given statements.

Statements :

Some books are novels.  
All novels are magazines.  
Some magazines are journals.

Conclusions :

- I. Some novels are journals.  
II. Some books are magazines.  
III. All books are magazines.  
IV. No novel is a journal.
- (A) Only conclusion II follows  
(B) Only conclusion III follows  
(C) Either conclusion I or II follows  
(D) Either conclusion I or IV and conclusion II follow

46. There are two statements followed by two conclusions I and II. Assuming the statements are true, decide which one of the conclusions logically follows, disregarding commonly known facts.

Statements :

1. All poets are intelligent.  
2. All singers are intelligent.

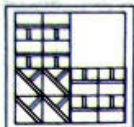
Conclusions :

- I. All singers are poets.  
II. Some intelligent persons are not singers.
- (A) Only conclusion I follows  
(B) Only conclusion II follows  
(C) Either conclusion I or II follows  
(D) Neither conclusion I nor II follows

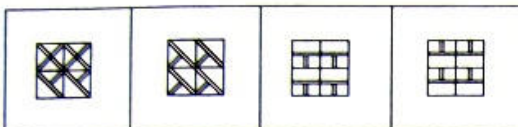


47. Which answer figure will complete the pattern in the question figure ?

Question figure :



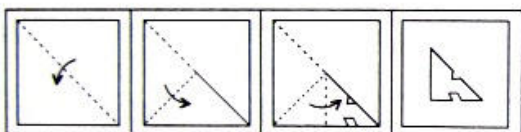
Answer figures :



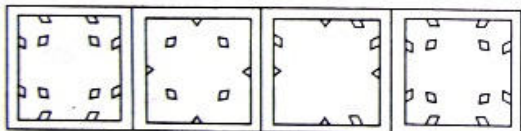
(A) (B) (C) (D)

48. A piece of paper is folded and punched cut as shown below in the question figures. From the given answer figures indicate how it will appear when opened.

Question figures :



Answer figures :



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

49. The following small letters are coded by capital letters in a certain way :

s u m l a d  
R A P M S O

Now, which small letters can be decoded from the letters given below :

M A P S R O

- (A) lumdas  
(B) lumsda  
(C) lumasd  
(D) lumsad

**Directions :** (Question No. 50) In the following question, there is an address which has been reproduced against (A), (B), (C) and (D), three of which have some mistake or the other. The one without any mistake is your answer.

50. Meenakshi Sundaram

MIG 17, Housing Board Colony

Near Airport, Amrutsar - 252793

- (A) Meenakshi Sundaram  
MIG 17, Housing Board Colony  
Near Airport, Amrutsar - 252973
- (B) Meenakshi Sundaram  
MIG 17, Housing Board Colony  
Near Airport, Amrutsar - 252793
- (C) Meenakshi Sundaram  
MIG 71, Housing Board Colony  
Near Airport, Amrutsar - 252793
- (D) Meenakshi Sundaram  
MIG 17, Housing Board Colony  
Near Airport, Anrutsar - 252793