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## **MENTAL ABILITY**

## Straight Objective Type

This section contains 30 questions. Each question has 4 choices (A), (B), (C) and (D) for its answer, out of which **ONLY ONE** is correct.

Which letter should be ninth letter to the left of ninth letter from the right, if the first half of the alphabet series is reversed?
 (A) D
 (B) E
 (C) E
 (D) I

(A) D	(D) E	(C) F		(D) I
Find the missing term	1 + 131 +			
(A) 262	(B) 274	(C) 320		(D) 132
	(A) D Find the missing term (A) 262	Find the missing term $(A) 262$ (B) 274	(A) D (B) E (C) F Find the missing term $\begin{pmatrix} 6 \\ 131 \\ 2 \\ 3 \\ 4 \end{pmatrix}$ (A) 262 (B) 274 (C) 320	Find the missing term $\begin{pmatrix} 6 \\ 131 \\ 2 \\ 3 \\ 4 \\ 6 \\ 8 \\ 7 \\ 9 \\ 1 \\ 131 \\ 4 \\ 6 \\ 6 \\ 7 \\ 9 \\ 1 \\ (C) 320 $

- In coded language, E is written as 5 and HOTEL is written as 12; then in the same coded language, LAMB will be written as

   (A) 28
   (B) 26
   (C) 7
   (D) 10
- 4.
   Find the missing term
   2, 5, 10, 17, ?

   (A) 24
   (B) 25
   (C) 26
   (D) 27
- In a queue of boys Sohan is 9th from the back. Ramesh's place is 8th from the front. Radhey is standing in the middle of the two. What could be the minimum number of boys standing in the queue ?
   (A) 8
   (B) 10
   (C) 12
   (D) 14
- 6. If water is called food, food is called tree, tree is called sky, sky is called wall, on which of the following does a fruit grow?

	(A) Water	(B) Food	(C) Tree	(D) Sky
7.	Find the missing term (A) 205	0, 5, 22, 57, 116, ? (B) 216	(C) 192	(D) 207
8.	Find the wrong term (A) DGJ	ABC, DGJ, HMR, NT (B) HMR	A, SBK, ZKV (C) NTA	(D) SBK
9.	Find the wrong term (A) FJW	DKY, FJW, HIT, JHS, (B) LGQ	, LGQ (C) JHJ	(D) HIT

**Directions : (10)** Which sequence of letters when placed at the blanks one after the other will complete the given letter series ?

10.	abb _ baa _ a _ bab	o _ aba		
	(A) ccac	(B) abab	(C) aabb	(D) abba

**11.** Find the missing term

7	сл	11			
2	з	2			
53	90	?			
(A) 120	)		(B) 100	(C) 125	(D) 64

12. It being given that : > denotes +, < denotes -, + denotes  $\div$ , - denotes =, = denotes 'less than' and x denotes 'greater than', find which of the following is a correct statement. (A) 3 + 2 > 4 = 9 + 3 < 1(B) 3 > 2 > 4 = 18 + 3 < 2(C)  $3 > 2 < 4 \times 8 + 4 < 2$ (D)  $3 + 2 < 4 \times 9 + 3 < 3$ 



13.	Find the missing term	<sup>18</sup> 64 53			
	(A) 30	(B) 13	(C) 70	(D) 118	
14.	Find the missing term (A) 240	3, 4, 10, 33, 136, ? (B) 430	(C) 685	(D) 820	
15.	What is the value of A is A 3 B $\frac{\times B}{2 1 7 B}$	f each letter represents a	different digit ?		
	(A) 3	(B) 4	(C) 5	(D) 7	
16.	Which one of the four ir $3 + 5 - 2 = 4$	nterchanges in signs and	numbers would make th	e given equation correct ?	
	(A) + and - , 2 and 3	(B) + and – , 2 and 5	(C) + and – , 3 and 5	(D) None of these	
17.	Find the missing term (A) 8	6, 12, 7, 11, 8, 10, 9, ? (B) 9	(C) 11	(D) 10	
18.	Ashok is facing North. H anticlockwise direction. (A) South-East	He turns 45 degrees in th Finally, he turns back. W (B) South-West	e clockwise direction and /hich direction is he facin (C) North-East	d then turns 90 degrees in the ig now ? (D) North-West	
19.	Madhu walks 15 metres 90° and walks 25 metres (A) 55 mt., north -east (C) 60 mt., north	s towards north, then she es. How far, she is from th	turns left at 90° and wal ne starting point and in w (B) 54 mt., north-west (D) 50 mt., west	k 30 metres, then turns right at hich direction ?	
20.	Find the missing term 14166 12145 (A) 0	1 1 (B) 5	(C) 10	(D) 15	
21.	Students line up in a quiright. If they interchange there in the queue ?	ieue in which Ashish star e their places, Sachin wo	nds fifteenth from the left uld be fifteenth from the	and Sachin is seventh from the right. How many students are	
	(A) 21	(B) 22	(C) 29	(D) None of these	
<b>Directions : (22)</b> Which sequence of letters when placed at the blanks one after the other will complete the given letter series ?					
22.	xyzu _ yz _ v uv (A) uvxyz	(B) vuzyx	(C) uvzyx	(D) vuxyz	
23.	Ashok is older than Suresh, Vivek is not youngest. Raju is older than Ashok and Vivek is not older than Suresh. Which one of the following statements must necessarily be true ? I. Vivek is as old as Ashok II. Vivek is as old as Raju III. Vivek is as old as Suresh IV. Suresh is younger than Vivek				
	(A) Only I	(B) Only II	(C) Only III	(D) Either III or IV	



24.	Arrange the given word last. Heavy, Heredity, H (A) Hero	s in alphabetical order ar lesitate, Hedge, Hero, Ha (B) Hesitate	nd tick the one that come aste, History, Hinderance (C) History	es (D) Hinderance
25.	Find the missing term (A) M46L	F3X, H7U, J15R, L31O, (B) N44L	? (C) N63L	(D) N44M
26.	In a certain code langua run and come. Which (A) 7	age <b>389</b> means <b>run very</b> digit in the language mea (B) 9	fast. 964 means come ins come ? (C) 4	back fast and 487 means (D) 8
27.	In a Coded language, Z written as	EBRA is written as 2652	181 ; then in the same c	oded language, COBRA will be
	(A) 3152181	(B) 1182153	(C) 31822151	(D) 302181
28.	Find the wrong term (A) 6	2, 6, 11, 17, 23, 32, 41 (B) 17	(C) 23	(D) 32
29.	Find the wrong term (A) 3	0, 2, 3, 6, 6, 20, 9, 54, 1 (B) 6	2 (C) 20	(D) 54
30.	Find the missing term (A) AMLA	Maal, Aalm, Alma, L (B) Maal	.MAA, ? (C) AAML	(D) LAAM
31.	If in any code language	NATIONAL is written as	MZGRLMZO than how	is <b>JAIPUR</b> written in that
	language? (A) QZRKFI	(B) PZRKFI	(C) QZRIFK	(D) QARKFI
32.	Rahul travels 10 km to moves 10 km forward. I (A) 26 km	the North. He turns to the How many km away from (B) 19 km	e right and walks 5 km. T starting point is he ? (C) 13 km	hen again he turns to his right and (D) 5 km
33.	Find the missing term			
	(A) 64	(B) 36	(C) 34	(D) 60
34.	Find the missing term (A) 210	3F, 6G,11I,18L, (B) 25N	(C) 27P	(D) 29Q
Direction	ons : (35) Which sequer the given letter series ?	nce of letters when placed	d at the blanks one after	the other will complete
35.	_ bc bb _ aabc (A) acac	(B) babc	(C) abab	(D) aacc
36.	Find the missing term 5 18 6 93 15 4 50 3 (A) 5	(B) 19	(C) 27	(D) 89
37.	If L denotes x, M denot	es ÷, P denotes + and Q	denotes -, then 8 P 36 I	M 6 Q 6 M 2 L 3 = ?
	(A) $\frac{13}{6}$	(B) $-\frac{1}{6}$	(C) $14\frac{1}{2}$	(D) 5



Directions : (38) Which sequence of letters when placed at the blanks one after the other will complete the given letter series ? 38. ab\_a\_bb\_ab\_a\_ (A) abaaba (B) babbba (C) aabbab (D) bbaabb If South-East becomes North, North-East becomes West and so on, what will South become ? 39. (A) North-East (B) South - West (C) South (D) North - West 40. Find out the sign to be interchanged for making the given equation correct  $10 + 10 \div 10 - 10 \times 10 = 10$ (A) + and – (B) + and  $\times$  $(C) \div and \times$  $(D) + and \div$ 41. Sanjay went 70 metre in the East before turning to his right. He went 10 metre before turning to his right again and went 10 metre from this point. From here he went 90 metre to the North. How far was he from the starting point ? (A) 80 metre (B) 100 metre (C) 140 metre (D) 260 metre 42. Find the missing term BYDW, FUHS, JQLO, NMPK, ? (A) RITG (B) RJGH (C) IRGT (D) HPIN How many L's are there which do not have R preceding them and also do not have T following 43. them? ZQSTLRMNQNRTUVXRLTASLTQRSLT (D) 5 (A) 1 (B) 2 (C) 3 44. In the word **PARADISE** how many pairs of letters are there which have as many letters between them in the word as in the alphabet ? (A) None (B) One (C) Two (D) Three 45. In the following number series how many 8's are there which are exactly divisible by the numbers which are preceded and followed by it? 824517284842282698454832843183 (C) 3 (D) 4 (A) 1 (B) 2 46. A is richer than B. C is richer than A. D is richer than C. E is the richest of all. If they are made to sit in the above degree of richness who will be in the middle position (central position)? (B) B (C) C (D) D (A) A 47. If the alphabet series is written in a reverse order, which of the following will be the seventh letter to the left of eighth letter from your right ? (C) O (D) P (A) L (B) M A meaningful word starting with A is made from the first, the second, the fourth, the fifth and the sixth 48. letters of the word **CONTRACT**, which of the following is the middle letter of the word? (B) T (C) O (A) C (D) R In a certain code language, ken poti means good morning, hu shang means come on, and hu ken sue 49. means come for good. Which word in that language does mean for ? (A) shang (B) ken (C) sue (D) hu 50. If the first four letters of the word 'ANTHROPOMORPHISM' are rewritten in the reverse order followed by the next four rewritten in the reverse order followed by the next four letters in the reverse order and so on, which letter will be twelfth from the left end in the rewritten order ? (A) O (B) H (C) M (D) P 51. Find the missing term 4, 8, 12, 24, 36, 72, ? (D) 108 (A) 98 (B) 100 (C) 144



**Directions : (52)** Which sequence of letters when placed at the blanks one after the other will complete the given letter series ?

52.	ba _ cb _ b _ bab _ (A) acbb	(B) bcaa	(C) cabb	(D) bacc
53.	Find the missing term			
	BC?			
	OQS			
	M N R			
	(A) A	(B) D	(C) G	(D) P

**Directions : (54 to 55)** In the following questions some numbers are given in the shape of figures. Finding the values of the figures give the correct answer of the questions.



(A) PCYQMN (B) PGYQMN (C) PGYUMP (D) PGYUPM

