

Reasoning Trainer

Score

Chapters: 1, 2 and 3

Class: 5

Maximum Marks: 25

Time: 35 Min.

1. Study the following information carefully and answer the given questions.

Number	0	1	2	3	4	5	6	7	8	9
Code	C	O	M	P	U	T	E	R	A	B

Conditions: (i) If either 5, 6 or 7 is in between the number then it is to be coded as '*'.
(ii) If the last number is even then it is to be coded as '☆'.

Applying above conditions answer the given question.

What is the code for 34789?

[]

- (A) PURAB (B) PUTER (C) PU*AB (D) PU☆BC

2. In which large shape is the given shape hidden?

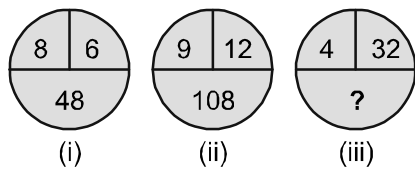


[]



3. Which number will replace the question mark below?

[]



(A) 36

(B) 128

(C) 148

(D) 168

4. How many A's are there in the following series which are immediately followed by B as well as immediately preceded by Z? **AMBZANAABZABAZBAPZABAZAB**

[]

- (A) Zero (B) One (C) Two (D) Three

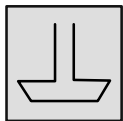
5. If PATNA is coded as 18-3-22-16-3, then how will PTA be coded?

[]

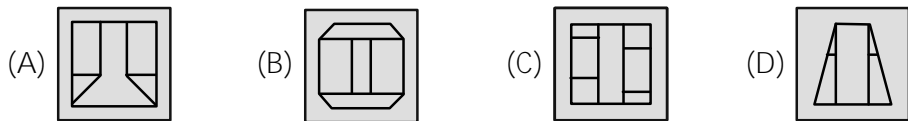
- (A) 18 - 22 - 3 (B) 3 - 22 - 18 (C) 3 - 22 - 16 (D) 18 - 3 - 22

6. In which larger shape is the small shape (X) hidden?

[]

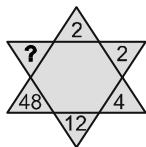


(X)



7. Identify the number which replaces the question mark.

[]



(A) 96

(B) 192

(C) 220

(D) 240

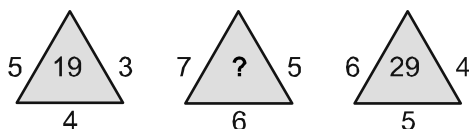
8. If Blue is called as Black, Black as Yellow, Yellow as Purple, Purple as White and White as Pink, then what is the colour of a sun flower?

[]

- (A) Yellow (B) Black (C) Purple (D) Pink

9. Find the missing number.

[]



(A) 25

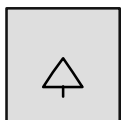
(B) 37

(C) 41

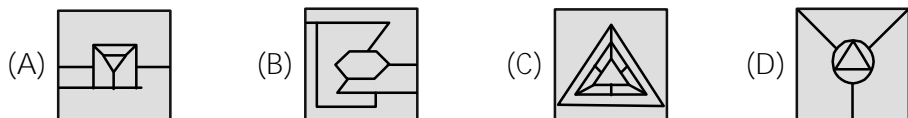
(D) 47

10. In which larger shape is the small shape (X) hidden?

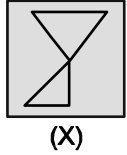
[]



(X)



11. If 'sky' is called 'sea', 'sea' is called 'water', 'water' is called 'air', 'air' is called 'cloud' and 'cloud' is called 'river', then what do we drink when we are thirsty? []
 (A) sky (B) water (C) air (D) cloud
12. In which larger shape is the small shape (X) hidden? []



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

13. Find the pair of a number and a letter which replaces the question mark in the following grid. []

1X	2Y	3Z
8Z	27X	2Y
8Y	?	6X

- (A) 54Y (B) 8Y
 (C) 8Z (D) 54Z

14. Given below are the codes of some vehicles. []



Now, from the given information, decide the code for the given set of vehicles.



- (A) SAMT (B) SAJM (C) MAST (D) TSAM

15. Find the missing number. []

84	81	88
14	18	?
12	9	11

- (A) 21 (B) 16 (C) 61 (D) 81

Directions for 16 to 18: Study the following information carefully.

0	1	2	3	4	5	6	7	8	9
F	A	B	J	I	H	C	D	E	G

Conditions: (i) If first number is odd then it is to be coded as 'Y'. (ii) If last number is even then it is to be coded as 'X'.
 (iii) If either 4 or 9 is in between the number then it is to be coded as Z.

Applying the above conditions, answer the given questions:

16. What is the code for 245376? []
 (A) BZHDJX (B) BZHJDX (C) BZHJDC (D) BZHJDY
17. What is the code for 274601? []
 (A) BDZCFA (B) BDZFCA (C) BDICEY (D) BDICAF
18. What is the code for 398756? []
 (A) YGEDHC (B) XGEHDX (C) YGEDHX (D) YZEDHX
19. In which larger shape is the small shape (X) hidden? (Hint: you can turn the shape). []



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

20. How many even numbers are there in the following series of numbers, each of which is immediately preceded by an odd number, but not immediately followed by an even number? []

5 3 4 8 9 7 1 6 5 3 2 9 8 7 3 5

- (A) 0 (B) 1 (C) 2 (D) 3

21. Find the missing number. []

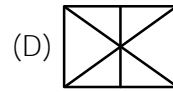
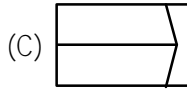
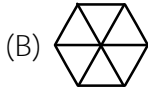
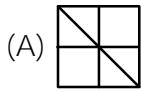
7	2	9	1	5	2
42	3	18	2	?	3

- (A) 3 (B) 13
 (C) 18 (D) 30

22. In which larger shape is the small shape (X) hidden? []



(X)



23. In the series given below, how many 8's are there each of which is exactly divisible by its immediate preceding as well as succeeding numbers? []

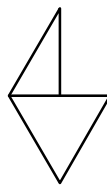
2 8 3 8 2 4 8 2 4 8 6 8 2 8 2 4 8 3 8 2 8 6

- (A) One (B) Two (C) Three (D) Four

24. In a certain language, UNITY is coded as 12345 and FEED is coded as 7889, then what is the code of 'INDEED' in that language? []

- (A) 889329 (B) 329898 (C) 392889 (D) 329889

25. In which larger shape is the small shape (X) hidden? (Hint: you can turn the shape). []



(X)

