

Mindtree Logical Reasoning Questions and Answers with Explanation



1. If in a certain code **CLEVER** is written as **SDWDMB** then in the same code how **DECODE** is written?

- A. FCBPCF
- B. FCCBPF
- C. FCCFPB
- D. FCPBFC

Answer – D. FCPBFC

Explanation:

Write the word in reverse order and then follow +1, -1, +1, -1 and so on

2. If in a certain code **MANGO** is written as **LBLIL** then in the same code how **MONKS** is written?

- A. PLLMP
- B. LPMPL
- C. LPLMP
- D. MLPAL

Answer – C. LPLMP

Explanation:

If you observe that, -1, +1, -2, +2, -3 pattern follows

3. If in a certain code **QUICK** is written as **HCICB** then in the same code how **PLASTIC** is written?

- A. CAAGBIC
- B. GCBBAIC
- C. GCABAIC
- D. GCAJBIC

Answer – D. GCAJBIC

Explanation:

write a respective number of the English alphabets

P (16) L(12) A(1) S(19) T(20) I(9) C(3)

Now add these numbers, P = 7, L = 3, A = 1, S = 1 + 9 = 10, T = 2, I = 9 and C = 3

Now write the respective letter

4. If in a certain code **REGISTER** is written as **ERIGTSRE** then in the same code how **PRACTICE** is written?

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- A. RPACITEC
- B. RPICAETC
- C. RPCIATEC
- D. RPCAITEC

Answer – D. RPCAITEC

Explanation:

PRACTICE = PR AC TI CE now reverse the pairs like RPCAITEC

5. If in a certain code **CRYSTAL** is written as **DTJSXFR** then in the same code how **QUANTUM** is written?

- A. RWDNXZS
- B. RWNDXZS
- C. WRDNXZS
- D. RWDNYZS

Answer – A. RWDNXZS

Explanation:

Please observe, pattern follow +1, +2, +3, +4, +5, +6 keeping the fourth letter constant

6. Sumit is 8th rank ahead of Ravi in a class of 45. If Ravi rank from the bottom is 19th then find the rank of Sumanth from the beginning?

- A. 17
- B. 18
- C. 19
- D. 20

Answer – C. 19

Explanation:

A number of students between SumanRavind ravi are 7.

The number of students after Ravi is 18th.

So rank of Sumanth from beginning = $45 - 7 - 18 - 1$ (Ravi) = 19th

7. In a row of 21 boys when Akash has shifted four places to the right, he becomes 12th from the left end. What was the akash earlier position from the right end

- A. 10
- B. 11
- C. 13



D. 14

Answer – D. 14

Explanation:

After shifting – 11 students (Akash) 9 students

Before shifting – 7 students (Akash) 13 students

8. Praveen is 10 ranks above Nitish who ranks 26th in the class of 45. What is Praveen rank in the class from the beginning?

A. 14

B. 15

C. 16

D. 17

Answer – C. 16

Explanation:

Final arrangement => 15 students (Praveen) 9 students (Nitish)

9. A number of students are standing in a row facing north in such a way that a particular student is nineteenth from both the ends. So, find the number of students in the class.

A. 39

B. 38

C. 37

D. 36

Answer – C. 37

Explanation:

(18 students) particular student (18 students) = $18+18+1 = 37$

10. If Avinash finds that he is fourteenth from the left end and 7 from the right end, then how many boys must be added to the line such that there are 30 boys in the line?

A. 8

B. 10

C. 12

D. 14

Answer – B. 10

Explanation:

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13 boys (Avinash) 6 boys = 20 boys so the number of boys to be added = 10

11. If X ranks seventh in the class. Y is tenth from the last. If Z is fifth after X and just in the middle of X and Y, then how many students are there in the class?

- A. 26
- B. 28
- C. 24
- D. 30

Answer – A. 26

Explanation:

(6 students) X (4 Students) Z (4 students) Y (9 students) = 26

12. In a row of students facing north, Sumanth is 8th to the left of Prasanth, who is 12th from the right end. Madhav is 13th from the left end and third to the right of the Sumanth. Find the total no of students in the row?

- A. 26
- B. 29
- C. 34
- D. 38

Answer - B. 29

Explanation:

Row = $12 + 8 = 20$ th from the right end

R = $13 - 3 = 10$ th from the left end

N = $20 + 10 - 1 = 29$

13. In a row of children facing North Vinod is 12th from left. When shifted to his right by four places, he becomes 18th from the right end of the row. How many children in the row?

- A. 33
- B. 35
- C. 37
- D. 42

Answer - A. 33

Explanation:

1 2 3 4 5 6 7 8 9 10 11 V

13 14 15 V(16)



$$16+18 - 1 = 33$$

14. Choose the word which is different from the rest.

- A. Rigveda
- B. Yajurveda
- C. Atharvaveda
- D. Ayurveda

Answer - D. Ayurveda

Explanation:

All except Ayurveda are names of holy scriptures, the four Vedas.
Where Ayurveda is a branch of medicine

15. Choose the word which is different from the rest.

- A. Curd
- B. Butter
- C. Oil
- D. Cheese

Answer - C. Oil

Explanation:

All except Oil are products obtained from milk.

16. Choose the word which is different from the rest.

- A. Producer
- B. Director
- C. Investor
- D. Financier

Answer - B. Director

Explanation:

All except Director spend money.

17. Choose the word which is different from the rest.

- A. Year
- B. Date
- C. Month
- D. Calendar



Answer - D. Calendar

Explanation:

All others are parts of a calendar.

18. Choose the word which is different from the rest.

- A. Horse
- B. Goat
- C. Dog
- D. Fox

Answer - D. Fox

Explanation:

All except Fox are domestic animals
where the fox is a wild animal.

19. Haiku: Poem:: Fable:?

- A. Story
- B. Poet
- C. Novel
- D. Rhyme

Answer – A. Story

Explanation:

Haiku is a type of poem
Fable is a type of story

20. King: Cobra:: Monarch:?

- A. Royal
- B. Venom
- C. Queen
- D. Butterfly

Answer – D. Butterfly

Explanation:

King is a type of Cobra
Monarch is a type of butterfly



21. **Linen: Flax:: ? : Cotton**

- A. Uniform
- B. Sweater
- C. Denim
- D. Sheep

Answer – C. Denim

Explanation:

Linen is a fabric made from flax.

Denim is a fabric made from cotton

22. **Median: Highway::Net:?**

- A. Road
- B. Radar
- C. Ticket
- D. Court

Answer – D. Court

Explanation:

Median divides a highway

The net divides a court

23. **Zambia:? :: Spain : Madrid**

- A. Lusaka
- B. Berne
- C. Kiev
- D. Taipei

Answer – A. Lusaka

Explanation:

Madrid is the capital city of Spain

Lusaka is a capital city of Zambia

24. **Footwear: Leather:: Apparel:?**

- A. Shirt
- B. Pant
- C. Cloth

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D. Jeans

Answer – C. Cloth

Explanation:

Footwear is made up of Leather

Apparel is made up of Cloth