



SECTION 1 : QUANTITATIVE APTITUDE

1. Find the greatest three number which is a multiple of 7.

- A. 1012
- B. 7084
- C. 3526
- D. None of these

Ans: B

2. What is the unit's digit of the number 2345^{2133}

- A. 0
- B. 1
- C. 4
- D. 2

Ans: D

3. Divide Rs. 676 in three parts such that half of the first part, one-fourth of the second part and one-seventh of the third part are equal.

- A. 104, 208, 364
- B. 415, 223, 240
- C. 532, 801, 724
- D. none of the above

Ans: A

4. Two persons Tom & Jerry had some candies each. One of them had 20 candies more than the other. The candies with Tom was 55% of the total candies with them. How many candies did each have?

- A. 40, 60
- B. 52, 72
- C. 110, 90
- D. 80, 100

Ans: C

5. Harsha bought 35 Perk chocolates and 60 Munch chocolates. He found 20% of Perk chocolates and 10% Munch chocolates of were melt. Find the percentage of chocolates which are not melt.

- A. 86.31%
- B. 52%
- C. 33.42%



D. 92.14%

Ans: A

6. Six persons went to a hotel for taking their meals. Five of them spent Rs.10 each on their meals and the sixth spent Rs.15 more than the average expenditure of all the six. What was the total money spent by them.

A. Rs. 74

B. Rs. 65

C. Rs. 78

D. Rs. 68

Ans: C

7. Rahul sold a fan for Rs. 798. Find the cost price if he incurred a loss of 5%.

A. 840

B. 760

C. 890

D. 855

Ans: A

8. A sells a set of books to B for Rs. 600 at a profit of 20%. B sells it to C at a loss of 15%. What was the price paid by C to B?

A. 260

B. 510

C. 350

D. 690

Ans: B

9. Rashi's father was 7 times older to her 5 years ago. He would be 3 times her age 5 years from now. Ten years later, what was the ratio of Rashi's age to that of her father?

A. 5:2

B. 1: 5

C. 5:3

D. None of these

Ans: A

10. Ram, Robert and Rahim invested Rs.4800, Rs.6000 and Rs.9600 respectively, in a partnership business. Find the share of Robert in profit of Rs.127500 after a year?



A. Rs.35000

B. Rs.42000

C. Rs.30000

D. Rs.32000

Ans: C

11. Akash takes 8 hours 30 min in walking to a certain place and riding back. He would have gained 2 hours 30 mins by riding both ways. The time he would take to walk both ways is

A. 11 hrs

B. 12 hrs 45min

C. 9 hrs 45 min

D. 10hrs 20 min

Ans: A

12. Anvesh travelled a distance of 30 km in 11 hours. He travelled partly on foot at 3 km/hr and partly on bicycle at 4 km/hr. What is the distance travelled on foot?

A. 32 km

B. 24 km

C. 46 km

D. 42 km

Ans: D

13. An express train running at the speed of 90 km/hr. It crosses a certain pole that is in the way in 5 seconds. What is the length of the express train?

A. 1620 meters

B. 1540 meters

C. 3230 meters

D. 1580 meters

Ans: A

14. In two hour, a boat goes 26 km along the stream and 14 km against the stream. The speed of the boat in still water (in km/hr) is:

A. 11

B. 8

C. 10

D. 9



Ans: C

15. A does a work in $10/7$ days and B does the same work in 8 days. In how many days they together will do the same work?

- A. $40/33$ days
- B. $38/33$ days
- C. $40/31$ days
- D. $38/31$ days

Ans: A

16. A can do a piece of work in 80 days; B can do the same in 60 days. A started alone but left the work after 20 days, then B worked at it for 20 days. C finished the remaining work in 10 days. C alone can do the whole work in?

- A. 24 days
- B. 30 days
- C. 44 days
- D. 28 days

Ans: A

17. Two pipes A and B can fill a cistern in 30 and 50 minutes respectively, and a third pipe C can empty it in 60 minutes. How long will it take to fill the cistern if all the three are opened at the same time?

- A. $19 \frac{3}{7}$ min
- B. $25 \frac{3}{7}$ min
- C. $17 \frac{3}{11}$ min
- D. $27 \frac{3}{11}$ min

Ans: D

18. In a group of 8 boys and 6 girls, five children are to be selected. In how many different ways can they be selected such that at least one boy should be there?

- A. 1989
- B. 2007
- C. 1996
- D. 2125

Ans: C



19. 32 buses are running between two places Hyderabad and Vijayawada. In how many ways can a person go from Hyderabad to Vijayawada and return by a different bus?

- A. 992
- B. 974
- C. 673
- D. 846

Ans: A

20. Two brother X and Y appeared for an exam. Let A be the event that X is selected and B is the event that Y is selected. The probability of A is $\frac{1}{9}$ and that of B is $\frac{3}{5}$. Find the probability that both of them are selected.

- A. $\frac{1}{45}$
- B. $\frac{1}{15}$
- C. $\frac{3}{40}$
- D. $\frac{9}{45}$

Ans: B

21. Two cards are drawn at random from a pack of 52 cards.what is the probability that either both are Red or both are Ace?

- A. $\frac{52}{221}$
- B. $\frac{55}{190}$
- C. $\frac{55}{221}$
- D. $\frac{19}{221}$

Ans: A

22. Find the simple interest on Rs. 96,000 at $18\frac{1}{4}\%$ per annum for a period of 8 months?

- A. Rs. 11520
- B. Rs. 13540
- C. Rs. 11220
- D. Rs. 18920

Ans: A

23. The compound interest on Rs. 16900 is Rs. 4900 for 2 years, find rate of interest per annum.

- A. $\frac{6}{13}\%$
- B. $\frac{5}{7}\%$
- C. $\frac{3}{13}\%$



D. 2/7%

Ans: A

24. In what ratio must a grocer mix two varieties of pulses costing Rs. 8 and Rs. 12 per kg respectively so as to get a mixture worth Rs. 15 per kg?

A. 3: 7

B. 5: 7

C. 7: 3

D. 7: 5

Ans: A

25. How many tiles whose length and breadth are 13 cm and 4 cm respectively will be needed to fit in a rectangular region whose length and breadth are respectively 156 cm and 96 cm:

A. 160

B. 240

C. 288

D. 450

Ans: C

SECTION 2 : LOGICAL REASONING

1. 1, 2, 3, 10, ?, 9802

A. 99

B. 199

C. 299

D. 999

Ans: A

2. V is W's sister. X is W's mother. Y is X's father. Z is Y's mother. Then, how is V related to Y?

A. Grandfather

B. Grandmother

C. Daughter

D. Granddaughter

Ans: D

3. Pointing to a lady, a man said, "The son of her only brother is the brother of my wife." How is the lady related to the man?

A. Mother's sister



- B. Grandmother
- C. Sister of father-in-law
- D. Mother-in-law

Ans: C

4. In a certain code language COMPUTER is written as RFUVQNPC. How will MEDICINE be written in that code language?

- A. MFEDJJOE
- B. EOJDEJFM
- C. MFEJDJOE
- D. EOJDJEFM

Ans: D

5- 6. In a certain code language,

- (A) 'pit dar na' means 'you are good'
- (B) 'dar tok pa' means 'good and bad'
- (C) 'tim na tok' means 'they are bad'

5. In that language, which word stands for 'they'?

- A. na
- B. Pit
- C. Tim
- D. tok

Ans: C

6. In that language, which word stands for 'bad'?

- A. na
- B. Pit
- C. Tim
- D. tok

Ans: D

7) If South-East becomes North, North-East becomes West and so on. What will West become?

- A. North-East
- B. North-West
- C. South-East



D. South-West

Ans: C

8) Rekha walked 20 m towards north. Then she turned right and walks 30 m. Then she turns right and walks 35 m. Then she turns left and walks 15 m. Finally she turns left and walks 15 m. In which direction and how many metres is she from the starting position?

A. 15 m West

B. 30 m East

C. 30 m West

D. 45 m East

Ans: D

9) Find the odd man out 2, 5, 10, 17, 26, 37, 50, 64

A. 2

B. 64

C. 26

D. 50

Ans: B

10) A watch which gains uniformly, is 5 min, slow at 8 o'clock in the morning on Sunday and it is 5 min 48 sec. fast at 8 p.m on following Sunday. when was it correct?

A. 7pm on Wednesday

B. 20 min past 7pm on Wednesday

C. 15min past 7pm on Wednesday

D. 8pm on Wednesday

Ans: B

11) What was the day on 15th August 1947?

A. Friday

B. Monday

C. Sunday

D. Saturday

Ans: D

12) The last day of a century cannot be

A. Monday

B. Wednesday



C. Tuesday

D. Friday

Ans: C

13) 583 is related to 293 in the same way as 488 is related to

A. 291

B. 378

C. 487

D. 581

Ans: B

14) In a certain code language 'ROUTINE' is written as 'VMRGFLI'. How will 'CRUELTY' be written in that code language ?

A. UPVCZLR

B. VPCVZRL

C. CVCZPRL

D. VCPCZLR

Ans: B

15- 19) A, B, C, D, E, F, G and H are sitting round the circle and are facing the centre:
A is second to the right of E who is the neighbour of C and G.
D is not the neighbour of A.
G is the neighbour of F.
B is not between D and H. H is not between F and D.

15) Who is sitting opposite to F?

A. B

B. A

C. C

D. H

Ans: A

16) Who is sitting opposite to D?

A. B

B. C

C. E



Conclusion:

- I) Some potatoes are peanuts
II) Some peanuts are potatoes
III) All onions are samosas

- A. All follow
B. Only I, III follow
C. Only I, II follows
D. None of these

Ans:A

22. Among five friends who is the tallest ?

- I. D is taller than A and C.
II. B is shorter than E but taller than D.
- A. If the data in statement I alone are sufficient to answer the question
B. If the data in statement II alone are sufficient answer the question
C. If the data either in I or II alone are sufficient to answer the question;
D. If the data in both the statements together are needed.

Ans: D

23. A is the brother of B. B is the brother of C. D is the father of A. Based on these three statements, which of the following statements cannot be definitely true ?

- A. B is the brother of A.
B. B is the son of D.
C. A is the brother of C.
D. C is the brother of A.

Ans: C

24) 34 is related to 12 in the same way as 59 is related to

- A. 45
B. 35
C. 24
D. 56

Ans: A

25) Find out the wrong number in the following series ? 2880, 480, 92, 24, 8, 4, 4



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- A. 92
- B. 480
- C. 2880
- D. 24

Ans: A