



SECTION 1 : QUANTITATIVE APTITUDE

1. The sum of 4 consecutive odd numbers is always divisible by:

A.8

B.7

C.5

D.9

Ans: A

2. Which of the following will have the maximum number of factors?

A.90

B.72

C.38

D.59

Ans: B

3. Divide Rs.230 among A, B, and C such that A gets $\frac{5}{3}$ of what B gets and B gets $\frac{1}{5}$ of what C gets. Find the share of C.

A. Rs.480

B. Rs.320

C. Rs.150

D. Rs.300

Ans: C

4. Three candidates, Paul, Jessey & Rahul contested an election and received 2700, 3300 and votes 3000 respectively. What percent of the total votes did Paul get?

A. 20%

B. 40%

C. 45%

D. 30%



Ans: D

5. A candidate who gets 25% marks fails by 15 marks but another candidate who gets 42% marks gets 12% more than the passing marks. Find the maximum marks.

A.50

B.100

C.300

D.200

Ans: C

6. The average of 50 numbers is 30. If two numbers, 38 and 42 are discarded, then the average of the remaining numbers is nearly:

A. 28.32

B. 29.58

C. 28.78

D. 29.27

Ans: B

7. A shopkeeper allows a discount of 5% on the marked price and still gains 15% on the whole. Find at what percent above the cost price he marked on his goods.

A. 25.32%

B. 29.68%

C. 26.31%

D. 29.27%

Ans: C

8. An orange vendor makes a profit of 20% by selling oranges at a certain price. If he charges Rs. 1.4 higher per orange he would gain 40%. Find the original price at which he sold an orange.

A. Rs. 6

B. Rs. 5.8



C. Rs. 6.2

D. Rs. 8.4

Ans: D

9. The sum of the ages of 4 children born at the intervals of 2 years each is 48 years. What is the age of the youngest child?

A. 4 years

B. 8 years

C. 9 years

D. None of these.

Ans: C

10. M, N, O together started a business. M invested Rs.3000 for 5 months N invested Rs.1200 for 6 months and O Rs.2000 for 3 months. If they get a total profit of Rs.2350. Find the share of A?

A. Rs.2000

B. Rs.1546

C. Rs.1800

D. Rs.1250

Ans: D

11. P and Q walk around a circular track. P and Q walk at a speed of 2 rounds per hour and 3 rounds per hour respectively. If they start at 8 a.m. from the same point in opposite directions, how many times shall they cross each other before 10 a.m.?

A. 5

B. 9

C. 10

D. 8

Ans: C

12. If a person walks at 7 km/hr instead of 5 km/hr, he would have walked 10 km more. What is the actual distance travelled by him?



University Industry Interface Cell

Sample Placement Papers

A. 80 km

B. 70 km

C. 25 km

D. 50 km

Ans: C

13. Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. The faster train passes the slower train in 18 seconds. The length of each train is:

A. 25 m

B. 50 m

C. 75 m

D. 100 m

Ans: A

14. The speed of a boat in still water is 10 km/hr. If it can travel 13 km downstream and 7 km upstream in the same time, the speed of the stream is:

A. 2 km/hr

B. 2.5 km/hr

C. 3 km/hr

D. 4 km/hr

Ans: C

15. If 12 men and 16 boys can do a piece of work in 5 days; 13 men and 24 boys can do it in 4 days, how long will 7 men and 12 boys take to do?

A. 200/ 12

B. 100/ 13

C. 33/ 25

D. 54/44

Ans: B



University Industry Interface Cell

Sample Placement Papers

16. 45 men working 9 hours per day dig 30 m deep. How many extra men should be put to dig to a depth of 48 m working 8 hours per day?

A. 73

B. 81

C. 45

D. 65

Ans: B

17. An outlet pipe can empty $\frac{4}{5}$ th of a cistern in 12 minutes. In 8 minutes, what part of the cistern will be emptied?

A. $\frac{13}{12}$

B. $\frac{2}{15}$

C. $\frac{4}{17}$

D. $\frac{8}{15}$

Ans: D

18. How many 5 letter words can be formed by using all letters of the word 'PUNE'?

A. 720

B. 24

C. 120

D. 60

Ans: B

19. Find the number of diagonals of a Pentagon?

A. 4

B. 8

C. 5

D. 2

Ans: C



20. There are five hotels in a town. If 3 men check into the hotels in a day then what is the probability that each checks into a different hotel?

- A. $6/17$
- B. $12/25$
- C. $13/18$
- D. $25/12$

Ans: B

21. In a simultaneous throw of pair of dice. Find the probability of getting the total more than 6.

- A. $1/2$
- B. $5/12$
- C. $7/12$
- D. $3/12$

Ans: C

22. Tara took a loan of Rs. 1500 with simple interest for as many years as the rate of interest. If she paid Rs.735 as interest at the end of the loan period, what was the rate of interest?

- A. 8%
- B. 6%
- C. 4%
- D. 7%

Ans: D

23. Arjun invested an amount of Rs. 15000 in a fixed deposit scheme for 2 years at compound interest rate 4 p.c.p.a. How much amount will Arjun get on maturity of the fixed deposit?

- A. 17342
- B. 21632
- C. 16224
- D. 24120

Ans: C



24. A can contains a mixture of two liquids M and N in the ratio 7:5 when 3 litres of mixture are drawn off and the can is filled with N, the ratio of M and N becomes 7:9. How many litres of liquid M was contained by the can initially?

- A. 8.75 litres
- B. 12.34 litres
- C. 12 litres
- D. 9.8 litres

Ans: A

25. If $\log 2 = 0.3010$ and $\log 3 = 0.4771$, the values of $\log_5 256$ is

- A. 2.875
- B. 3.449
- C. 3.875
- D. 5.875

Ans: B

SECTION 2 : LOGICAL REASONING

1. 90, 180, 12, 50, 100, 200, ?, 3, 50, 4, 25, 2, 6, 30, 3

- A.150
- B.175
- C. 299
- D.225

Ans: A

2. If P+ Q means P is the sister of Q; P x Q means P is the wife of Q, P % Q means P is the father of Q and P - Q means P is the brother of Q. Which of the following means E is the daughter of A?

- A. A x B % C + D - E
- B. Ax B % C - D + E
- C. A x B % C + D - E



University Industry Interface Cell

Sample Placement Papers

D. $A \times B \% C + D + E$

Ans: B

3. Ajay said - "This girl is the wife of the grandson of my mother". How is Ajay related to the girl?

- A) Husband
- B) Brother
- C) father-in-law
- D) father

Ans: C

4. In a certain code language SYSTEM is written as MFUTZS. How will RANDOM be written in that code language?

- A. MFEDOE
- B. JDEJFM
- C. MFEJD
- D. MPEOBR

Ans: D

In a certain code language,

- (A) 'dan pat ni' means 'you are intelligent'
- (B) 'pat tik sa' means 'intelligent and lazy'
- (C) 'tip ni tik' means 'they are lazy'

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

- A) na
- B) Pit
- c) Tip
- D) tok

Ans: C



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

- A) na
- B) Pit
- c) Tim
- D) tik

Ans: D

7) I am facing East. Turning to the right I go 40 m, then turning to the left I go 40 m and turning to the right I go 40 m, then again turning to the right I go 80 m and then again I go 80 m to the right. In which direction am I from my original position?

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

Ans: C

8) Bhagi walked 30 ft towards North, then took a left turn and walked 15 ft. He again took a left turn and walked 30 ft. How far and in which direction is Bhagi from the starting point?

- A) 15ft East
- B) 30ft East
- C) 30ft West
- D) 15ft west

Ans: D

9) Find the odd man out 10, 25, 45, 54, 60, 75, 80

- A) 10
- B) 54
- C) 25
- D) 80

Ans: B



10) At what time between 4 and 5, will the hands of a clock coincide?

- A) 20 9/11 mins
- B) 21 9/11 mins
- C) 15 8/11 mins
- D) 14 8/11 mins

Ans: B

11) What was the day on 15th august 2010?

- A) Friday
- B) Monday
- C) Sunday
- D) Saturday

Ans: C

12) Today is Monday. After 61 days, it will be:

- A) Monday
- B) Wednesday
- C) Saturday
- D) Friday

Ans: C

13) RABBIT : ARBBTI :: NATION

- A) ANTINO
- B) ANITNO
- C) NAITON
- D) NAITNO

Ans: B

14) If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH ?



University Industry Interface Cell

Sample Placement Papers

A) 246173

B) 214673

C) 2134567

D) 234156

Ans: B

Alekhya, Bobi, Celin, Divya, Esha, Faruq, Gopi and Harsha are sitting round the circle and are facing the Centre:

Alekhya is second to the right of Esha who is the neighbor of Celin and Gopi.

Divya is not the neighbor of Alekhya.

Gopi is the neighbour of Faruq.

Bobi is not between Divya and Harsha. Harsha is not between Faruq and Divya.

15) Who is sitting opposite to Faruq?

A) Bobi

B) Alekhya

C) Celin

D) Harsha

Ans: B

16) Who is sitting opposite to Divya?

A) Bobi

B) Celin

C) Esha

D) Harsha

Ans: B

17) Who is an immediate neighbor of Gopi?

A) Faruq

B) Alekhya

C) Harsha

D) Bobi

Ans: A



University Industry Interface Cell

Sample Placement Papers

18) Who is sitting immediate left to Esha?

- A) Celin
- B) Alekhya
- C) Gopi
- D) Bobi

Ans: C

19) Who is sitting immediate right to Harsha?

- A) Bobi
- B) Esha
- C) Celin
- D) Divya

Ans: D

20) In following question, a number series is given with one term missing. Choose the correct alternative for these sequence. 1, 4, 9, 16, 25, x

- A. 36
- B. 37
- C. 30
- D. 34

Ans: A

21. Some fruits are apples
All apples are mangoes
All mangoes are oranges

Conclusion:

- I) Some fruits are mangoes
- II) Some mangoes are fruits
- III) All apples are oranges

- 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. Dhanush is taller than Abhi and celin.

II. Bhavna is shorter than Esha but taller than Dhanush.

- 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. P is the brother of Q. Q is the brother of R. S is the father of P. Based on these three statements, which of the following statements cannot be definitely true ?

- A. Q is the brother of P.
- B. Q is the son of S.
- C. P is the brother of R.
- D. R is the brother of P.

Ans: D

24) 56 is related to 30 in the same way as 55 is related to

- A. 25
- B. 35
- C. 24
- D. 56

Ans: A

25) 19, 2, 38, 3, 114, 4,

- A. 456
- B. 480



University Industry Interface Cell

Sample Placement Papers

C. 280

D. 256

Ans: A