L & T Infotech Placement Papers

Aptitude (30 Questions)

1. The average salary of 3 workers is 95 Rs. per week. If one earns Rs.115 and second earns Rs.65 how much is the salary of the 3rd worker.

Ans. 105.

2. A 16 stored building has 12000 sq.feet on each floor. Company A rents 7 floors and company B rents 4 floors. What is the number of sq.feet of unrented floor space.

Ans.60000

3. During a given week A programmer spends 1/4 of his time preparing flow chart, 3/8 of his time coding and the rest of the time in debugging the programs. If he works 48 hours during the week , how many hours did he spend debugging the program.

Ans.18.

4. A company installed 36 machines at the beginning of the year. In March they installed 9 additional machines and then disconnected 18 in August. How many were still installed at the end of the year.

Ans. 27

5. A man owns 2/3 of the market research beauro business and sells 3/4 of his shares for Rs. 75000. What is the value of Business ?

Ans.150000

6. If 12 file cabinets require 18 feet of wall space, how many feet of wall space will 30 cabinets require?

Ans.45

7. A computer printer produced 176,400 lines in a given day. If the printer was in operation for seven hours during the day, how many lines did it print per minute?

Ans.420

8. From its total income, A sales company spent Rs.20,000 for advertising, half of the remainder on commissions and had Rs.6000 left. What was its total income?

Ans.32000

9. On Monday a banker processed a batch of cheques, on Tuesday she processed three times as many, and on Wednesday she processed 4000 cheques. In the three days, she processed 16000 cheques. How many did she process on Tuesday?

Ans.9000

10. The cost of four dozen proof machine ribbons and five dozen accouting machine ribbons was Rs.160/-. If one dozen accounting machine ribbons cost Rs.20/-, what is the cost of a dozen proof machine ribbons?

Ans.Rs.15

11. If a clerk can process 80 cheques in half an hour, how many cheques can she process in a seven and one half hour day?

Ans.1200

12. In a library, there are two racks with 40 books per rack. On a given day, 30 books were issued. What fraction remained in the racks?

Ans.5/8

13. The average length of three tapes is 6800 feet. None of the tapes is less than 6400 feet. What is the greatest possible length of one of the other tapes?

Ans.7600

14. A company rented a machine for Rs.700/- a month. Five years later the treasurer calculated that if the company had purchased the machine and paid Rs.100/- monthly maintenance charge, the company would have saved Rs.2000/-. What was the purchase price of the machine?

Ans.Rs.34000

15. Two computers each produced 48000 public utility bills in a day. One computer printed bills at the rate of 9600 an hour and the other at the rate of 7800 an hour. When the first computer finished its run, how many bills did the other computer still have to print?

Ans.9000

16. If a salesman's average is a new order every other week, he will break the office record of the year. However, after 28 weeks, he is six orders behind schedule. In what proportion of the remaining weeks does he have to obtain a new order to break the record?

Ans.3/4

17 On a given day, a bank had 16000 cheques returned by customers. Inspection of the first 800 cheques indicated that 100 of those 800 had errors and were therefore the available immediately for data processing. On this basis, how many cheques would be available immediately for data processing on that day?

Ans.14000

18. A tape manufacturer reduces the price of his heavy duty tape from Rs.30/- to Rs.28/- a reel and the price of a regular tape from Rs.24/- to Rs.23/- a reel. A computing centre normally spends Rs.1440/- a month for tapes and 3/4 of this is for heavy duty tapes. How much will they save a month under the new prices?

Ans.Rs.87

19. The dimensions of a certain machine are 48" X 30" X 52". If the size of the machine is increased proportionately until the sum of its dimensions equals 156", what will be the increase in the shortest side?

Ans. 6"

20. In a certain company, 20% of the men and 40% of the women attended the annual company picnic. If 35% of all the employees are man, what percent of all the employees went to the picnic?

Ans.33%

21. It cost a college Rs.0.70 a copy to produce a Programme for the homecoming football game. If Rs.15,000/- was received for advertisements in the programme, how many copies at Rs.0.50 a copy must be sold to make a profit of Rs.8000/- ?

Ans. 35000

22. If the digits of my present age are reversed then i get the age of my son. If 1 year ago my age was twice as that of my son. Find my present age.

Ans. father-73, son-37

23. There are 6561 balls out of them 1 is heavy. Find the min. no. of times the balls have to be weighed for finding out the heavy ball.

Ans. 8

24.If I walk with 30 miles/hr i reach 1 hour before and if i walk with 20 miles/hr i reach 1 hour late. Find the distance between 2 points and the exact time of reaching destination is 11 am then find the speed with which it walks.

Ans. 120miles and 24 miles/hr

25. A thief steals half the total no of loaves of bread plus 1/2 loaf from a bakery. A second thief steals half the remaining no of loaves plus 1/2 loaf and so on. After the 5th thief has stolen there are no more loaves left in the bakery. What was the total no of loaves did the bakery have at the beginning.

Ans: 31.

26. A person needs 6 steps to cover a distance of one slab. If he increases his foot length (step length) by 3 inches he needs only 5 steps to cover the slabs length. What is the length of the each slab.

Ans: 31 inches.

27. There are 19 red balls and one black ball. Ten balls are put in one jar and the remaining 10 are put in another jar. What is the possibility that the black is in the right jar.

Ans: 1/2.

28. There is one lily in the pond on 1st june . There are two in the pond on 2nd june . There are four on 3rd june and so on. The pond is full with lilies by the end of the june .

(i) On which date the pond is half full?

Ans: 29th.

29. A lorry starts from Banglore to Mysore at 6.00 A.M, 7.00 A.M, 8.00 am.....10 pm. Similarly one another starts from Mysore to Banglore at 6.00 am,7.00 am, 8.00 am.....10.00pm. A lorry takes 9 hours to travel from Banglore to Mysore and vice versa.

(i) A lorry which has started at 6.00 am will cross how many lorries.

Ans: 10.

30. A person meets a train at a railway station coming daily at a particular time . One day he is late by 25 minutes, and he meets the train 5 k.m. before the station. If his speed is 12 kmph, what is the speed of the train ?

Ans: 60 kmph