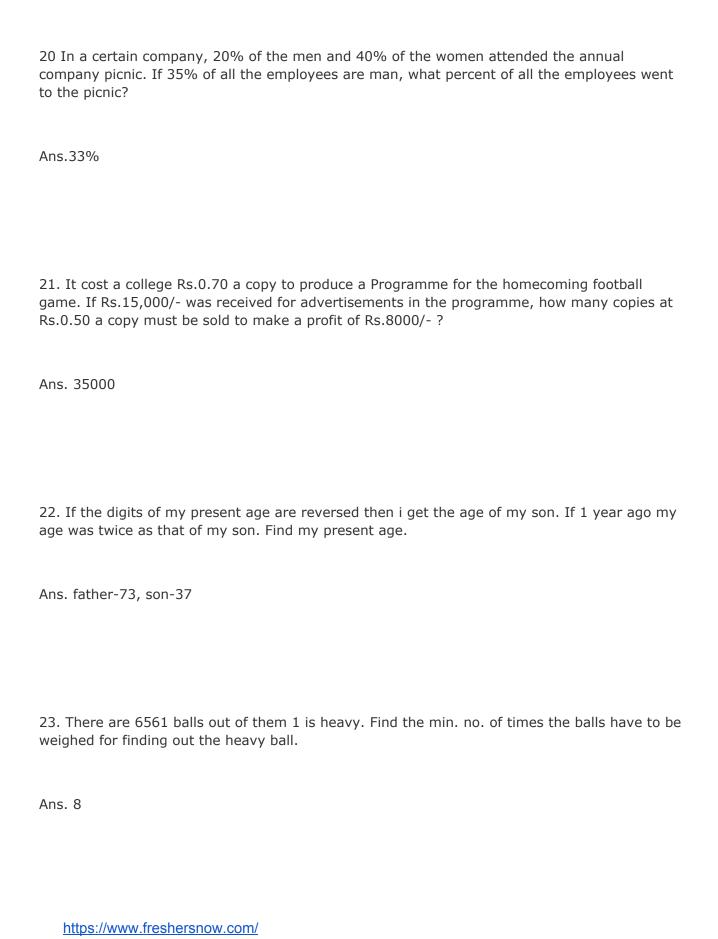# Capgemini Sample Paper

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) On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec, 2006?

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?
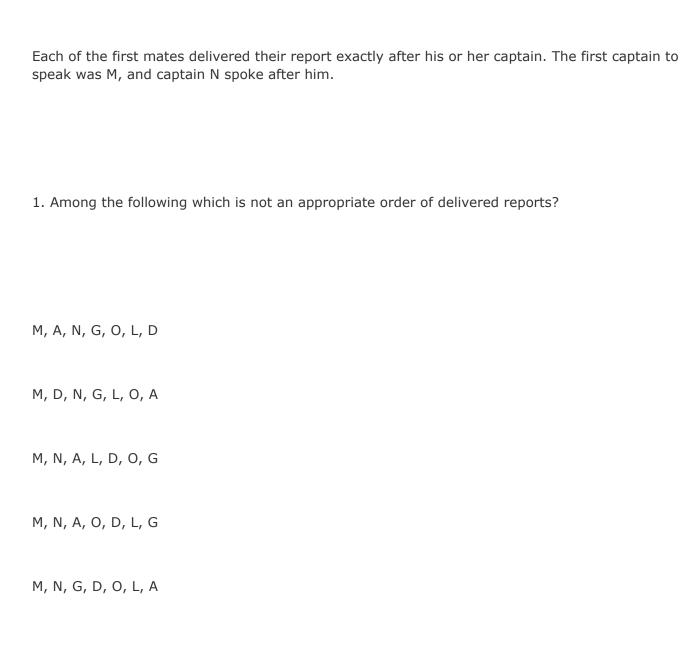
Ans.32000

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) A milk vendor has 2 cans of milk. The first contains 25% water and the rest milk. The second contains 50% water. How much milk should he mix from each of the containers so as to get 12 litres of milk such that the ratio of water to milk is 3 : 5?

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) A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

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) Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1 : 1 : 2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be:

2. Reasoning (30 quest)

Answer Questions 1 to 4 on the basis of the information given below:

The only people to attend a conference were four ship captains and the first mates of three of those captains. The captains were L, M, N and O; the first mates were A, D and G Each person in turn delivered a report to the assembly as follows:

Each of the first mates delivered their report exactly after his or her captain. The first captain to speak was M, and captain N spoke after him.

1. Among the following which is not an appropriate order of delivered reports?

M, A, N, G, O, L, D

M, D, N, G, L, O, A

M, N, A, L, D, O, G

M, N, A, O, D, L, G

M, N, G, D, O, L, A

Ans : E

2. In case L speaks after A, and A is the third of the first mates to speak, then among the following statements which would be untrue?

O spoke immediately after G.

The order of the first four speakers was M, G, N, D.

O's first mate was present.

A was the fourth speaker after M.

The captains spoke in the order M, N, O, L.

Ans : D

3. Among the following statements which statement must be true?

In case the second speaker was a captain, the seventh speaker was a first mate.

In case the second speaker was a first mate, the seventh speaker was a captain.

In case the third speaker was a first mate, the seventh speaker was a captain.

In case the third speaker was a captain, the seventh speaker was a first mate.

In case the seventh speaker was a first mate, the first and third speakers were captains.

Ans : A

4. In case A spoke immediately after L and immediately before O, and O was not the last speaker, L spoke

second

third

fourth

fifth

sixth

Ans : C

<u>Directions to Solve</u> - <u>(5-9)</u>

In each of the following questions two statements are given. Which are followed by four conclusions (1), (2), (3) and (4). Choose the conclusions which logically follow from the given statements.

5). Statements: No door is dog. All the dogs are cats.

1. No door is cat.

2. No cat is door.

3. Some cats are dogs.

4. All the cats are dogs.

A. Only (2) and (4)

B. Only (1) and (3)

C. Only (3) and (4)

D. Only (3)

E. All the four

6). Statements: All green are blue. All blue are white.

1. Some blue are green.

2. Some white are green.

3. Some green are not white.

4. All white are blue.

A. Only (1) and (2)

B. Only (1) and (3)

C. Only (1) and (4)

D. Only (2) and (4)

7). Statements: All men are vertebrates. Some mammals are vertebrates.

1. All men are mammals.

2. All mammals are men.

3. Some vertebrates are mammals.

4. All vertebrates are men.

A. Only (4)

B. Only (2)

C. Only (3)

D. Only (1)

E. Only (1) and (3

8). Statements: All the phones are scales. All the scales are calculators.

1. All the calculators are scales.

2. All the phones are calculators