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Pro Material Series

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Question 1) Two years ago the average age of a family of 8 members was 18 years. After the addition of a baby, the average age of family remains the same today. What is the age of the baby?

1. 1 year
2. 2 years
3. 4 years
4. 5 years

Ans: B

Question 2) An article when sold at a gain of 5% yields Rs. 15 more than when sold at a loss of 5%. The cost price of the article is:

1. 200 2. 150 3. 80 4. 64

Ans: B

Question 3) If X gets 25% more than Y and Y gets 20% more than Z, the share of Z out of Rs. 740 will be:

1. 300 2. 200 3. 240 4. 350

Ans: B

Question 4) In a mixture of 35 litres the ratio of milk and water is 4 : 1. If 7 litres of water is added to the mixture, the ratio of milk to water in the resultant mixture will become :

1. 2:3 2. 3:2 3. 2:1 4. 1:2

Ans: C

Question 5) A works twice as fast as B. If B can complete a work in 12 days independently, the number of days in which A and B can together finish the work in:

1. 4 days
2. 6 days

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3. 8 days

4. 18 days

Ans: A

Question 6) 10 Men can finish a piece of work in 10 days whereas it takes 12 women to finish it in 10 days. If 15 men and 6 women undertake to complete the work, how many days will they take to complete the work?

1. 2 2. 4 3. 5 4. 11

Ans: C

Question 7) Two, trains, one from Howrah to Patna and the other from Patna to Howrah, start simultaneously. After they meet, the trains reach their destinations after 9 hours and 16 hours respectively. The ratio of their speeds is:

1. 2:3 2. 4:3 3. 6:7 4. 9:16

Ans: B

Question 8) A merchant marks his wares 40% more than the real price and allows 20% discount. His profit is:

1. 20% 2. 18% 3. 16% 4. 12%

Ans: D

Question 9) In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

1. 30% 2. 70% 3. 100% 4. 250%

Ans: B

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Tech Mahindra Placement Papers with Answers

Question 10) A train 280 metres long is moving at 60 kms per hour. The time taken by the train to cross a platform 220 metres long is:

1. 20 seconds
2. 25 seconds

3. 30 seconds
4. 35 seconds

Ans: D

Question 11) A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500?

1. Rs. 4991
2. Rs. 5991
3. Rs. 6001
4. Rs. 6991

Ans: A

Question 12) A person spends 40% of his salary on food, 25% on house rent, 15% on entertainment and 5% on conveyance. If his savings at the end of the month is Rs. 1200, then his salary per month in rupees is:

1. 4000 2. 6000 3. 8000 4. 10000

Ans: C

Question 13) In how many different ways can the letters of the word 'CORPORATION' be arranged so that the vowels always come together?

1. 810
2. 1440 3. 2880 4. 50400

Ans: D

Question 14) The average of 7 consecutive numbers is 33. The highest of these numbers is:

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1. 28 2. 30 3. 33 4. 36

Ans: B

Question 15) The H.C.F. of two numbers is 23 and the other two factors of their L.C.M. are 13 and 14. The larger of the two numbers is:

1. 276 2. b299 3. 322 4. 345

Ans: C

Question 16) Running at the same constant rate, 6 identical machines can produce a total of 270 bottles per minute. At this rate, how many bottles could 10 such machines produce in 4 minutes?

1. 648
2. 1800 3. 2700 4. 10800

Ans: B

Question 17) Robert is travelling on his cycle and has calculated to reach point A at 2 P.M. if he travels at 10 kmph, he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.?

1. 8 kmph
2. 11 kmph
3. 12 kmph
4. 14 kmph

Ans: C

Question 18) A man took loan from a bank at the rate of 12% p.a. simple interest. After 3 years he had to pay Rs. 5400 interest only for the period. The principal amount borrowed by him was:

1. Rs. 2000
2. Rs. 10,000
3. Rs. 15,000
4. Rs. 20,000

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Ans: C

Question 19) A, B, C subscribe Rs. 50,000 for a business. A subscribes Rs. 4000 more than B and B Rs. 5000 more than C. Out of a total profit of Rs. 35,000, A receives:

1. 2. 3. 4.

Ans: D

Question 20) An accurate clock shows 8 o'clock in the morning. Through how may degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

1. 144o 2. 150o 3. 168o 4. 180o

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