



Questions of RRB NTPC Youtube Live Class (11th Jan 2021)

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Instructions

For the following questions answer them individually

Question 1

What will be the simple interest on a sum of Rs. 2000 in 3 years at interest 4% per annum?

- A 210
- B 200
- C 240
- D 160

Answer: C

Question 2

A and B together can complete a work in 10 days. A alone can complete the work in 15 days. If B does the work only half a day daily, then in how many days A and B together will complete the work?

- A 15days
- B 18days
- C 12days
- D 10days

Answer: C

Question 3

If $a : b : c = 2 : 3 : 4$, and $a + b + c = 120$, then find the value of b?

- A 20
- B 40
- C 30
- D None of the above

Answer: B

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Question 4

The marked price of an article is 20% up of its cost price. How much percent does the dealer gain by allowing a discount of 15%?

- A 1.25%
- B 5%
- C 2%
- D 3.5%

Answer: C

Question 5

The ratio of CP & MP of a table is 3:4. Find the profit percentage if a 10 % discount is given?

- A 12%
- B 15%
- C 10%
- D 20%

Answer: D

Question 6

In a rectangle, if length is increased by 10% and breadth is decreased by 10% then find the percentage change in area?

- A 9%
- B 11%
- C 1%
- D 10%

Answer: C

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Question 7

A and B together can complete a piece of work in 20 days. B and C together can complete in 30 days. If A is twice as good a workman as C, then in how many days will B alone can complete the same work?

- A 25days
- B 30days
- C 15days
- D 60days

Answer: D

Question 8

The simple interest earned on an amount in 2 years at 10% per annum rate is 500. Find the compound interest earned on the same amount at the same rate in 2 years.

- A Rs500
- B Rs450
- C Rs525
- D Rs600

Answer: C

Question 9

The average weight of 20 students in a class is 44 kg and that of the remaining 10 students is 38. Find the average weights of all the students the class:

- A 42kg
- B 40kg
- C 35kg
- D 45kg

Answer: A

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Question 10

A girl sold her watch for Rs 540 at 10% loss. Find the selling price of the watch if she had sold the watch at 10% profit.

- A Rs720
- B Rs600
- C Rs660
- D Rs520

Answer: C

Question 11

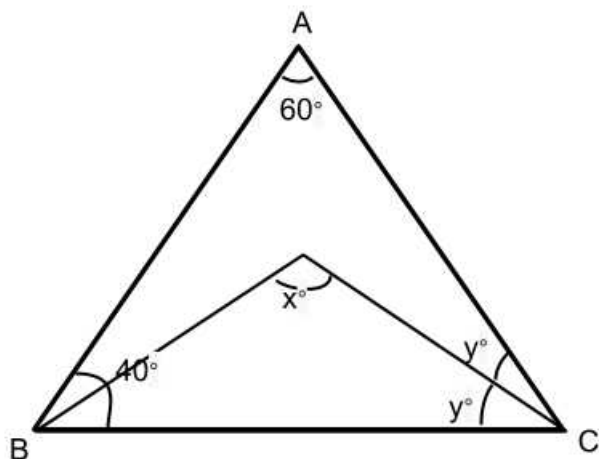
Find the value of $\frac{\cos 40^\circ}{\sin 50^\circ}$.

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

Answer: D

Question 12

Find the values of x and y respectively from the figure given below, where $\angle C = 2y$.



- A $120^\circ, 120^\circ$
- B $40^\circ, 80^\circ$
- C $120^\circ, 40^\circ$
- D None of the above

Answer: C

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Question 13

Find the value of $\frac{\sin 46^\circ}{\cos 44^\circ} - \frac{\sin 44^\circ}{\cos 46^\circ}$.

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

Answer: A

Question 14

In an election, A and B got 40% and 60% votes respectively. If a total of 3500 votes were casted in the election. Then find the number of votes casted in the favour of A.

- A 2100
- B 700
- C 1400
- D 1010

Answer: C

Question 15

The ratio of alcohol and water in a mixture is 3:2. When 30 litres of alcohol is added in the mixture, the new ratio of the alcohol to water becomes 5:2. Find the amount of original mixture.

- A 60lts
- B 75lts
- C 120lts
- D 45lts

Answer: B

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