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Started on	Wednesday, 19 August 2020, 6:30 PM
State	Finished
Completed on	Wednesday, 19 August 2020, 6:49 PM
Time taken	19 mins 9 secs
Marks	10.00/20.00
Grade	5.00 out of 10.00 (50%)

Question **1**

Correct

Mark 1.00 out of 1.00

If the price of sugar increases by 25%, find how much percent its consumption be reduced so as not to increase the expenditure.

- ☐ a. 30%
- ☐ b. 40%
- ☐ c. None
- ☒ d. 20%



The correct answer is: 20%

Question **2**

Incorrect

Mark 0.00 out of 1.00

Two numbers are in the ratio of 4:5. If the difference between these numbers is 24, then find the numbers?

- ☐ a. 96 & 92
- ☐ b. 96 & 120
- ☐ c. 46 & 120
- ☒ d. None



The correct answer is: 96 & 120

Question **3**

Incorrect

Mark 0.00 out of 1.00

Given two numbers which are in the ratio of 3:4. If 8 is added to each of them, their ratio is changed to 5:6. Find the two numbers?

- ☐ a. 12 & 15
- ☒ b. None
- ☐ c. 12 & 16
- ☐ d. 12 & 16



The correct answer is: 12 & 16

Question **4**

Correct

Mark 1.00 out of 1.00

In an examination, 42% students failed in Mathematics and 52% failed in Science. If 17% failed in both the subjects, find the percentage of those who passed in both the subjects.

- ☐ a. None
- ☒ b. 23
- ☐ c. 32
- ☐ d. 33



The correct answer is: 23

Question **5**

Incorrect

Mark 0.00 out of 1.00

The population of a town increases 5% annually. If its present population is 84000, what will it be in 2 years time?

- ☒ a. 94610
- ☐ b. 93610
- ☐ c. 92610
- ☐ d. None



The correct answer is: 92610

Question **6**

Correct

Mark 1.00 out of 1.00

In an examination, a student must get 60% marks to pass. If a student who gets 120 marks, fails by 60 marks, find the maximum marks.

- ☐ a. None
- ☐ b. 400
- ☒ c. 300
- ☐ d. 500



The correct answer is: 300

Question **7**

Incorrect

Mark 0.00 out of 1.00

The radius of a circle is increased by 2%. Find the percentage increase in its area.

- ☐ a. 5.08%
- ☐ b. 7.07%
- ☐ c. 4.04%
- ☒ d. None



The correct answer is: 4.04%

Question **8**

Incorrect

Mark 0.00 out of 1.00

Two numbers are respectively 20% and 50% more than a third number. What per cent is the first of the second?

- ☐ a. 70%
- ☒ b. None
- ☐ c. 80%
- ☐ d. 90%



The correct answer is: 80%

Question **9**

Correct

Mark 1.00 out of 1.00

A sum of Rs. 315 consists of 25 Paise, 50 Paise and Rs.1 coins in the ratio 3:4:6. What is the number of 25 paise of coin?

- ☒ a. 108
- ☐ b. 110
- ☐ c. None
- ☐ d. 109



The correct answer is: 108

Question **10**

Incorrect

Mark 0.00 out of 1.00

If A is 20% of C and B is 25% of C, then what percentage is A of B?

- ☒ a. None
- ☐ b. 80%
- ☐ c. 70%
- ☐ d. 90%



The correct answer is: 80%

Question **11**

Incorrect

Mark 0.00 out of 1.00

Two alloys contain silver and copper in the ratio 3:1 and 5:3. In what ratio the two alloys should be added together to get a new alloy having silver and copper in the ratio of 2:1?

- ☐ a. None
- ☐ b. 1:2
- ☐ c. 1:3
- ☒ d. 2:3

✗

The correct answer is: 1:2

Question **12**

Incorrect

Mark 0.00 out of 1.00

If Mohan's salary is 10% more than that of Sohan, then how much percent is Sohan's salary less than that of Mohan?

- ☐ a. 8.08%
- ☐ b. 9.09%
- ☒ c. None
- ☐ d. 7.07%

✗

The correct answer is: 9.09%

Question **13**

Incorrect

Mark 0.00 out of 1.00

If $A:B = 3:4$ and $B:C = 8:9$, find $A:B:C$?

- ☐ a. 8:9
- ☐ b. 7:9
- ☒ c. None
- ☐ d. 6:9

✗

The correct answer is: 6:9

Question **14**

Correct

Mark 1.00 out of 1.00

A sum of money is distributed among A, B, C, D in the proportion of 5:2:4:3. If C gets Rs. 1000 more than D, what is B share?

- ☐ a. None
- ☐ b. 1000/-
- ☒ c. 2000/-
- ☐ d. 3000/-

✓

The correct answer is: 2000/-

Question **15**

Correct

Mark 1.00 out of 1.00

Find the number that must be added to the terms of the ratio 11:29 to make it equal to 11:20 ?

- ☐ a. None
- ☒ b. 11
- ☐ c. 13
- ☐ d. 12

✓

The correct answer is: 11

Question **16**

Correct

Mark 1.00 out of 1.00

If $a:b:c = 2:3:4$ and $2a-3b+4c=33$, then find the value of c ?

- ☐ a. None
- ☒ b. 12
- ☐ c. 20
- ☐ d. 24

✓

The correct answer is: 12

Question **17**

Incorrect

Mark 0.00 out of 1.00

If salary of a person is first increased by 15% and thereafter decreased by 12%, what is the net change in his salary?

- ☐ a. 1.2%
- ☐ b. 3 %
- ☒ c. 1.5%
- ☐ d. None



The correct answer is: 1.2%

Question **18**

Correct

Mark 1.00 out of 1.00

The population of a town is 144000. It increases by 5% during the first year. During the second year, it decreases by 10% and increases by 15% during the third year. What is the population after 3 years?

- ☒ a. 156492
- ☐ b. 166492
- ☐ c. 172492
- ☐ d. None



The correct answer is: 156492

Question **19**

Correct

Mark 1.00 out of 1.00

The salaries of A, B, C are in the ratio 2:3:5. If 15%, 10% and 20% increments are allowed in their salaries, what is the new ratios in their salaries?

- ☐ a. 23:43:60
- ☐ b. 23:33:50
- ☒ c. 23:33:60
- ☐ d. None



The correct answer is: 23:33:60

Question **20**

Correct

Mark 1.00 out of 1.00

Two numbers are 20% and 50% more than a third number ?

- ☐ a. None
- ☒ b. 4:5
- ☐ c. 5:6
- ☐ d. 4:7



The correct answer is: 4:5

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