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Question 1

Not yet answered

Marked out of 1.00

Find the number of ways in which a number 288 can be expressed as a product of two factors.

Select one:

- ☒ a. 9
- ☐ b. 8
- ☐ c. 7
- ☐ d. 10

Question 2

Not yet answered

Marked out of 1.00

The distance between two stations, Delhi and Amritsar, is 530 km. A train starts at 4 p.m. from Delhi and moves to Amritsar at an average speed of 80 km/hr. Another train starts from Amritsar at 3.20 p.m. and moves towards Delhi at an average speed of 60 km/hr. How far from Delhi will the two meet?

Select one:

- ☐ a. 200 km
- ☐ b. 140km
- ☐ c. 280Km
- ☐ d. 180 km

Question **3**

Not yet answered

Marked out of 1.00

In a 100 m race, A can beat B by 25 m and B can beat C by 4 m. In the same race, A can beat C by _____.

Select one:

- ☐ a. 28 m
- ☐ b. 26 m
- ☐ c. 29 m
- ☐ d. 21 m

Question **4**

Not yet answered

Marked out of 1.00

Which of the following number is divisible by 7 which gives the remainder as 1?

Select one:

- ☐ a. 728
- ☐ b. 343
- ☐ c. 49
- ☐ d. 218

Question 5

Not yet answered

Marked out of 1.00

City A to City B is a downstream journey on a stream which flows at a speed of 5km/hr. Boats P and Q run a shuttle service between the two cities that are 300 kms apart. Boat P, which starts from City A has a still-water speed of 25km/hr, while boat Q, which starts from city B at the same time has a still-water speed of 15km/hr. When will the two boats meet for the first time? (this part is easy) When and where will they meet for the second time?

Select one:

- ☐ a. 7.5 hours and 20 hours
- ☐ b. 7.5 hours and 18 hours
- ☐ c. 8 hours and 18 hours
- ☐ d. 7.5 hours and 15 hours

Question 6

Not yet answered

Marked out of 1.00

Two persons A and B take a field on rent. A puts on it 21 horses for 3 months and 15 cows for 2 months; B puts 15 cows for 6 months and 40 sheep for 7 1/2 months. If one day, 3 horses eat as much as 5 cows and 6 cows as much as 10 sheep, what part of the rent should A pay?

Select one:

- ☐ a. 1/3 rd
- ☐ b. 2/3 rd
- ☐ c. 2/5 th
- ☐ d. 1/5 th

Question 7

Not yet answered

Marked out of 1.00

Find the greatest number that divides 130, 305, 245 by leaving remainders 6, 9, 17 respectively.

Select one:

- ☐ a. 6
- ☐ b. 8
- ☐ c. 12
- ☐ d. 4

Question 8

Not yet answered

Marked out of 1.00

Two bicycles were sold for Rs. 3990 each, gaining 5% on one and losing 5% on the other. The gain or loss percent on the whole transaction is _____.

Select one:

- ☐ a. 2.5% gain
- ☐ b. 0.25% loss
- ☐ c. 2.5% loss
- ☐ d. Neither gain nor loss

Question 9

Not yet answered

Marked out of 1.00

Find the greatest value of N for which $50! / 15N$ is an integer.

Select one:

- ☐ a. 16
- ☐ b. 11
- ☐ c. 13
- ☐ d. 12

Question **10**

Not yet answered

Marked out of 1.00

The following question has a phrase with double quotes and four answer choices. One among the four choices is correct. Select the correct answer choice which replaces the double quoted phrase.

The man "to who I sold" my house was a cheat.

Select one:

- ☐ a. to whom I sold
- ☐ b. to who I sold
- ☐ c. to who I sell
- ☐ d. No correction required