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| Started on | Friday, 31 May 2024, 6:10 PM |
| State | Finished |
| Completed on | Friday, 31 May 2024, 6:26 PM |
| Time taken | 15 mins 41 secs |
| Grade | 13.00 out of 20.00 (65%) |

Question 1

Correct

Mark 1.00 out of 1.00

If 3 dices are rolled, what is the probability of getting sum of the values on them is 11?

- a. 13/216
- b. 31/216
- c. 9/216
- d. 27/216 ✓

Your answer is correct.

The correct answer is: 27/216

Question 2

Correct

Mark 1.00 out of 1.00

A seller sells the goods at a profit of 16%. In order to make extra profit he also uses fault weight. If he measures 820gms instead of a kilo, find his net gain (%) ?

- a. 41.46% ✓
- b. 33.33%
- c. 39%
- d. 36%

Your answer is correct.

The correct answer is: 41.46%

Question 3

Correct

Mark 1.00 out of 1.00

If percentage of profit obtained by selling an item for Rs. 1420 is same as the percentage of loss incurred by selling a same product for Rs. 1260, what should be the selling of the product with 12.5% of profit?

- a. 1507.5 ✓
- b. 1485.7
- c. 1400
- d. 1387.5

Your answer is correct.

The correct answer is: 1507.5

Question 4

Correct

Mark 1.00 out of 1.00

A train crosses a signal pole in 9sec and it takes 13.5sec to cross a bridge of 99m long. Find the length of the train?

- a. 150m
- b. 198m ✓
- c. 168m
- d. 400m

Your answer is correct.

The correct answer is: 198m

Question 5

Incorrect

Mark 0.00 out of 1.00

Two runners running around a circular track at the speed of 25 and 15kmph. When will they cross each other for the second time, if the length of the circular track is 300m?

- a. 50 sec
- b. None of these ✗
- c. 36 sec
- d. 54 ssec

Your answer is incorrect.

The correct answer is: 54 ssec

Question 6

Correct

Mark 1.00 out of 1.00

Distance between Bangalore and Chennai is 330kms. A train starts from Bangalore to Chennai starts at 6am at a constant speed of 75kmph. Whereas another train starts from Chennai to Bangalore at 5am at the speed of 60kmph. At what time do they cross each other?

- a. 8:30am
- b. 7am
- c. 9am
- d. 8am ✓

Your answer is correct.

The correct answer is: 8am

Question 7

Correct

Mark 1.00 out of 1.00

Find the single equivalent discount of three successive discounts of 10%, 25% and 20%?

- a. 46 ✓
- b. 56
- c. 55
- d. 41

Your answer is correct.

The correct answer is: 46

Question 8

Incorrect

Mark 0.00 out of 1.00

 $\log_x Y = 100$ and $\log_2 x = 10$, then the value of y is

- a. None of these
- b. 2^{1000}
- c. 2^{50}
- d. 10000 X

Your answer is incorrect.

The correct answer is: 2^{1000} **Question 9**

Correct

Mark 1.00 out of 1.00

In triangle PQR, PQ=6 cm, PR=8 cm, and QR=12 cm. Calculate the area of the triangle PQR ?

- a. 16m^2
- b. 42m^2
- c. 26m^2
- d. None of these ✓

Your answer is correct.

The correct answer is: None of these

Question 10

Correct

Mark 1.00 out of 1.00

Probability that 'A' speaks truth is 35% and 'B' lies is 40%. What is the probability that they contradict each other for a same statement?

- a. 50%
- b. 53% ✓
- c. None of these
- d. 45%

Your answer is correct.

The correct answer is: 53%

Question 11

Correct

Mark 1.00 out of 1.00

A train crosses a man and a woman walking on a platform at the rate of 3kmph and 6kmph in opposite direction taking 36sec and 30sec. what is the length of the train?

- a. 100m
- b. None of these ✓
- c. 180m
- d. 300m

Your answer is correct.

The correct answer is: None of these

Question 12

Correct

Mark 1.00 out of 1.00

What is the value of $\log(ab^2) - \log(ac) + \log(abc^4) - 3\log(bc)$?

- a. 2
- b. 3
- c. 1 ✓
- d. 0

Your answer is correct.

The correct answer is: 1

Question 13

Incorrect

Mark 0.00 out of 1.00

Which of the following successive discounts schemes are best in terms of seller point of view?

- a. 10%, 10% and 20%
- b. 30%, 8% and 2%
- c. 25%, 10% and 5% ✗
- d. 15%, 20% and 5%

Your answer is incorrect.

The correct answer is: 10%, 10% and 20%

Question 14

Correct

Mark 1.00 out of 1.00

A bag consists of 4 red, 5 blue and 6 green coloured socks. If 3 socks are selected, what is the probability that exactly one of them is blue?

- a. 13/56
- b. 45/91 ✓
- c. 15/23
- d. 5/9

Your answer is correct.

The correct answer is: 45/91

Question 15

Incorrect

Mark 0.00 out of 1.00

Find the number of digits in the smallest number consisting of only 1's and 0's and exactly divisible by 45?

- a. 45
- b. 900
- c. 10
- d. 0 ✗

Your answer is incorrect.

The correct answer is: 10

Question 16

Correct

Mark 1.00 out of 1.00

How many ways a committee of 3 boys and 2 girls can be formed from the group of 5 boys and 4 girls?

- a. 48
- b. 14
- c. 60 ✓
- d. 21

Your answer is correct.

The correct answer is: 60

Question 17

Incorrect

Mark 0.00 out of 1.00

A man purchased a watch for Rs. 1534.08 after 3 successive discounts of $x\%$, 15% and 20%. If the list price of the watch is Rs. 2400, what is the value of x ?

- a. 5
- b. 12.5
- c. 6
- d. 8.5 ✗

Your answer is incorrect.

The correct answer is: 6

Question 18

Correct

Mark 1.00 out of 1.00

A product is worth of Rs. 1250. The seller marked up the price of the product by certain percent and allowed a discount of 12%. If the seller sells the product for Rs. 1452 and manages to make a profit of 16.16%, find the markup percentage?

- a. 30%
- b. 32% ✓
- c. 26%
- d. None of these

Your answer is correct.

The correct answer is: 32%

Question 19

Incorrect

Mark 0.00 out of 1.00

A train engine of 400m long traveling at the speed of 40kmph. A man next to a railway track is walking at the speed of 5kmph in the opposite direction of the train. What is the time taken by the train to cross the man?

- a. 50 sec
- b. 32 sec
- c. 46 sec ✗
- d. 60 sec

Your answer is incorrect.

The correct answer is: 32 sec

Question 20

Incorrect

Mark 0.00 out of 1.00

An oblong piece of ground measures 19m 2.5 dm by 12m5dm. From center of each side of the ground, a path 2m wide goes across to the center of the opposite side. What is the area of the path?

- a. 59.5m^2
- b. 52.5m^2
- c. 56.5m^2
- d. None of these X

Your answer is incorrect.

The correct answer is: 59.5m^2