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Question **11**

Correct

Mark 1.00 out of 1.00

FPL Co. has a delivery vehicle. Suppose that one day, it traveled for 5 hours. Assuming that van had a constant speed of 20km/hr in the first two hours of travel and 24 km/hr in the next three hours. If the cost of fuel being used up is Php30 per kilometer. What is the mean or average fuel expense per hour?

Select one:

- a. Php660/hr
- b. Php264/hr
- c. Php672/hr
- d. Php150/hr

Check

Correct

Marks for this submission: 1.00/1.00.

Question **12**

Correct

Mark 1.00 out of 1.00

In an employment exam, 3 applicants got a score of 21-30 while 4 applicants got 31-40. Compute the mean of the grouped data.

Select one:

- a. 27.42
- b. 34.75
- c. 31.21
- d. 30.5

Check

Correct

Marks for this submission: 1.00/1.00.

Question **13**

Correct

Mark 1.00 out of 1.00

Statement 1. Range is obtained by subtracting the highest to the lowest value

Statement 2. Variance is the square root of Standard Deviation

Select one:

- a. Statement 1 is true; Statement 2 is false
- b. Both statements are false
- c. Both statements are true
- d. Statement 2 is false; Statement 1 is true

Check

Correct

Marks for this submission: 1.00/1.00.

Question **14**

Correct

Mark 1.00 out of 1.00

A company has 3 subsidiaries. Subsidiary A has an income of 1M, Subsidiary B has 2M, Subsidiary C is unknown. What is the income of Subsidiary C if the 3 subsidiaries have average income of 4M?

Select one:

- a. 12M
- b. 5M
- c. 9M
- d. 7M

Check

Correct

Marks for this submission: 1.00/1.00.

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Question **15**

Correct

Mark 1.00 out of 1.00

Seller, A, B and C had an income of Php 10,000, Php20,000 and Php15,000 respectively. Who has the median income?

Select one:

- a. Seller A
- b. Seller C
- c. None of the above
- d. Seller B

Check

Correct

Marks for this submission: 1.00/1.00.

Question **16**

Correct

Mark 1.00 out of 1.00

Given the following data, 10, 15, 10, 20, 15, 25, 10. What is the median?

Select one:

- a. 52.5
- b. 15
- c. 20
- d. 25

Check

Correct

Marks for this submission: 1.00/1.00.

Question **17**

Correct

Mark 1.00 out of 1.00

The following are the stock prices of FPL Co. from October 9-15

7.70, 7.75, 7.80, 7.60, 7.50, 7.75, 7.75

What is the average stock price within the given week?

Select one:

- a. 7.50
- b. 7.75
- c. 7.97
- d. 7.69

Check

Correct

Marks for this submission: 1.00/1.00.

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Question **18**

Correct

Mark 1.00 out of 1.00

You have two Php 20 bills and three Php 50 bills on your poket. If you will be drawing 2 bills in your pocket, what is the probability that you can get at a total of Php 150?

Select one:

- a. 0.6
- b. 1
- c. 0.4
- d. 0

Check

Correct

Marks for this submission: 1.00/1.00.

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Question **19**

Correct

Mark 1.00 out of 1.00

You are in a game and you will choose one briefcase out of five. The following amounts are inside the briefcases 1,000,000; 500,000; 100,000; 50,000, 20,000. You will be going home with the amount inside your chosen briefcase. What is the probability that you will go home with at least 50,000?

Select one:

- a. 0.4
- b. 0.6
- c. 0.2
- d. 0.8

Check

Correct

Marks for this submission: 1.00/1.00.

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Question **20**

Correct

Mark 1.00 out of 1.00

Supposing that you are in a game and you will choose one briefcase out of five. The following amounts are inside the briefcases 1,000,000; 500,000; 100,000; 50,000, 20,000. You will be going home with the amount inside your chosen briefcase. What is the probability that you will go home with 1,000,000?

Select one:

- a. 0.25
- b. 0.2
- c. 1
- d. 0.3

Check

Correct

Marks for this submission: 1.00/1.00.

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