

[Dashboard](#) / [My courses](#) / [MATH200-SP](#) / [Week 006: Long Test 2](#) / [Long Test 2](#)

Question **1**

Correct

Mark 1.00 out of 1.00

You have two Php 20 bills and three Php 50 bills on your pocket. If you will be drawing 2 bills in your pocket, what is the probability that you can get at least Php 40?

Select one:

- a. 0.5
- b. 0.2
- c. 1
- d. 0.6

Check

Correct

Marks for this submission: 1.00/1.00.

Question **2**

Correct

Mark 1.00 out of 1.00

The company has 3 delivery vans. In how many ways can the vans be parked in a row?

Select one:

- a. 12
- b. 6
- c. 3
- d. 120

Check

Correct

Marks for this submission: 1.00/1.00.

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Question 3

Correct

Mark 0.67 out of 1.00

Seller, A, B and C records their transaction under the accrual basis. They had a profit of Php 10,000, Php20,000 and Php15,000 respectively. Calculate the mean or average income of the 3 sellers after the following accounting adjustments.

Seller A received Php1,000 as payment for past recorded receivable

Seller B forgot to record electricity expense worth Php1,200

Seller C paid accrued expenses worth Php2,000

Select one:

- a. Php13,933
- b. Php 13,600
- c. Php14,600
- d. Php15,000

Check

Correct

Marks for this submission: 1.00/1.00. Accounting for previous tries, this gives **0.67/1.00**.

Question 4

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 2,000,000?

Select one:

- a. 0.2
- b. 0.25
- c. 0
- d. 0.1

Check

Correct

Marks for this submission: 1.00/1.00.

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Question 5

Correct

Mark 1.00 out of 1.00

There are 52 cards in an ordinary deck of cards. If you will be drawing one card. What is the probability that it is a heart or a spade?

Select one:

- a. 0
- b. 0.5
- c. 1
- d. 0.25

Check

Correct

Marks for this submission: 1.00/1.00.

Question 6

Correct

Mark 1.00 out of 1.00

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

Select one:

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

Check

Correct

Marks for this submission: 1.00/1.00.

Question 7

Correct

Mark 1.00 out of 1.00

Find the mode of the following data

40, 10, 80, 30, 40, 80, 60, 70, 10, 20, 30, 10, 60, 80, 10, 30, 10, 70, 20, 40, 70, 30, 60, 60, 70, 80, 30, 20, 20, 20, 70, 40, 40, 60, 70

Select one:

- a. 10
- b. 50
- c. 20
- d. 40
- e. 60
- f. 70
- g. 50 and 60

Check

Correct

Marks for this submission: 1.00/1.00.

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Question 8

Correct

Mark 0.67 out of 1.00

The current foreign exchange rate is USD 1 = Php 45. Assuming that the probability that the rate will be 1 USD = Php 40 is 0.7, and the probability that it will be USD 1= Php 46 is 0.2, the probability that it will remain the same is 0.1. What is the expected foreign exchange rate rate? (Average)

Select one:

- a. 1 USD = Php40
- b. 1 USD = Php43.2
- c. 1 USD = Php43.67
- d. 1 USD = Php41.7

Check

Correct

Marks for this submission: 1.00/1.00. Accounting for previous tries, this gives **0.67/1.00**.

Question 9

Correct

Mark 1.00 out of 1.00

Which statement is false

Select one:

- a. A probability of 0 indicates that there is no chance that a particular event will occur, whereas a probability of 1 indicates that an event is certain to occur.
- b. Measures of central tendency includes mean, median, mode and quantiles.
- c. Skewness describes asymmetry from the normal distribution in a set of statistical data.
- d. A sample space is the set of all possible outcomes

Check

Correct

Marks for this submission: 1.00/1.00.

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Question **10**

Correct

Mark 1.00 out of 1.00

Supposing that a dean's list student must have an average grade of 85 in a term. If you took 5 subjects and you have already finished the 4 subjects with a grade of 80, 85, 83, and 80, what must be your grade in the last subject in order to qualify as dean's list student?

Select one:

- a. 85
- b. 97
- c. 95
- d. 93

Check

Correct

Marks for this submission: 1.00/1.00.

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