Question **1**

Correct

Mark 1.00 out of 1.00

If there are 20 students currently enrolled BSBA-MIS. In how many ways can elect a president and vice president?

Select one:

- a. 190
- b. 40
- c. 380
- d. 400

Check

Correct

Marks for this submission: 1.00/1.00.

Question **2**

Correct

Mark 1.00 out of 1.00

If you flip a coin twice, what is the probability of getting at least one tail?

Select one:

- a. 0.5
- b. 0.75
- c. 0.25
- d. 0

Check

Correct

Marks for this submission: 1.00/1.00.

Question **3**

Correct

Mark 1.00 out of 1.00

You are in charged of the repacking of goods. There are 2 types of canned sardines, 3 types of rice and 2 types of noodles. How many combinations can you make if you are only allowed to pick one per product?

Select one:

- a. 48
- b. 24
- c. 7
- d. 12

Check

Correct

Marks for this submission: 1.00/1.00.

Question **4**

Correct

Mark 1.00 out of 1.00

0! is equal to

Select one:

- a. 0
- b. 1
- c. -1
- d. undefined

Check

Correct

Marks for this submission: 1.00/1.00.

Question **5**

Correct

Mark 1.00 out of 1.00

Statement 1. Factorial notation is the result of multiplying a sequence of descending numbers.

Statement 2. Combination refers to the arrangement of objects with reference to order.

Select one:

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

Check

Correct

Marks for this submission: 1.00/1.00.

Question **6**

Correct

Mark 1.00 out of 1.00

A normal deck of playing cards consists of 52 cards. If you will draw one card, what is the probability that you can get a black card?

Select one:

- a. 0.25
- b. 1
- c. 0.02
- d. 0.5

Check

Correct

Marks for this submission: 1.00/1.00.

Question **7**

Correct

Mark 1.00 out of 1.00

Evaluate 55!

Select one:

- a. 12.696 x 10^73
- b. 1.2696 x 10^73
- c. 126.96 x 10^73
- d. 12696

Check

Correct

Marks for this submission: 1.00/1.00.

Question **8**

Correct

Mark 1.00 out of 1.00

In how many ways can you arrange 5 people in a line?

Select one:

- a. 120
- b. 5555
- c. 500
- d. 24

Check

Correct

Marks for this submission: 1.00/1.00.

Question **9**

Correct

Mark 1.00 out of 1.00

In how many ways can you arrange 5 people in a circle?

Select one:

- a. 120
- b. 60
- c. 25
- d. 24

Check

Correct

Marks for this submission: 1.00/1.00.

Question **10**

Correct

Mark 1.00 out of 1.00

Which of the following is incorrectly evaluated

Select one:

- a. 10!-9! = 1
- b. 10x9x8x9! = 261,273,600
- c. 13! X 0! = 6,227,020,800
- d. 9!x3!x1!x0! = 2,177,280

Check

Correct

Marks for this submission: 1.00/1.00.