

## INTRODUCTION TO STATISTICS

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Name: \_\_\_\_\_ Score: \_\_\_\_\_

Direction: Read each item carefully. Choose the letter of the correct answer.

1. It refers to the number of times an observation occurs or appears in a data set.

|                   |              |
|-------------------|--------------|
| A. Class interval | C. Frequency |
| B. Class limits   | D. Range     |

2. It is used to present data in a most systematic and organized manner.

|          |            |
|----------|------------|
| A. chart | C. picture |
| B. graph | D. table   |

3. It is the tabular method of organizing data.

|                                 |                         |
|---------------------------------|-------------------------|
| A. frequency distribution table | C. multiplication table |
| B. logarithmic table            | D. trigonometric table  |

4. It is the difference between the highest and the lowest values.

|             |          |
|-------------|----------|
| A. boundary | C. limit |
| B. interval | D. range |

5. Which of the following is/ are properties of an effective table?

- I. The date of the survey is indicated.
- II. The source of the data is no longer identified.
- III. The title clearly states the personality of the researcher.
- IV. The data are arranged systematically in columns and properly labeled.

|               |               |
|---------------|---------------|
| A. I and III  | C. I and IV   |
| B. II and III | D. III and IV |

### For items 6-10.

Pelmar opened a pack of marbles. He found out that there are 15 red, 10 blue, 7 orange, 7 yellow, 13 green and 8 purple marbles.

6. Which of the following is the correct Frequency Distribution Table of the given data?

A.

| Color  | Frequency |
|--------|-----------|
| red    | 15        |
| green  | 10        |
| blue   | 7         |
| purple | 13        |
| orange | 7         |
| yellow | 8         |

B.

| Color  | Frequency |
|--------|-----------|
| red    | 15        |
| green  | 13        |
| blue   | 10        |
| purple | 8         |
| orange | 7         |
| yellow | 7         |

C.

| Color  | Frequency |
|--------|-----------|
| red    | 7         |
| green  | 7         |
| blue   | 8         |
| purple | 10        |
| orange | 13        |
| yellow | 15        |

D.

| Color  | Frequency |
|--------|-----------|
| red    | 15        |
| blue   | 10        |
| orange | 7         |
| yellow | 7         |
| green  | 13        |
| purple | 8         |

7. Which of the following is the appropriate title for the distribution table?

- A. Frequency Distribution Table of Marbles
- B. Frequency Distribution Table of Colors
- C. Frequency Distribution Table of Pelmar's Marbles.
- D. Frequency Distribution Table of Red, Blue, Yellow, Orange, Green, and Marbles

8. What is the total number of marbles?

- A. 50
- B. 58
- C. 55
- D. 60

9. Which color has the highest number of marbles?

- A. blue
- B. red
- C. green
- D. yellow

10. Which color has the least number of marbles?

- A. blue
- B. red
- C. green
- D. yellow