

INTRODUCTION TO STATISTICS

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.

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

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

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

3.It is the tabular method of organizing data.

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|--------------------------------|-------------------------|
| 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.

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

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

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|---|---------------|
| 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?

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