Directions: Read and answer each of the following items accurately. Write the letter of the correct answer on a separate sheet of paper.

1. Which measure divides the data set or distribution into one hundred equal parts?
   A. Median B. Quartile C. Decile D. Percentile

2. The second quartile of the data set is equal to the _____.
   A. Fourth decile
   B. 25th percentile
   C. 50th percentile
   D. 75th percentile

3. Using Tukey's method, what is the first quartile for the following set of scores?
   9, 11, 8, 9, 9, 14, 6, 5, 3, 16
   A. 5 B. 5.5 C. 6 D. 7

4. From the given data set in item#3, using Mendenhall and Sincich Method, what is the first quartile?
   A. 5 B. 5.5 C. 6 D. 6.5

5. Which of the following measures where exactly 25% of the distribution or data set are below it?
   A. First Quartile
   B. Second Decile
   C. Third Quartile
   D. Seventh Dec

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For items 6 to 9, refer to the following set of scores obtained by the students in a Mathematics test.

45, 50, 23, 34, 67, 81, 45, 11, 99, 86, 78, 17, 45, 34, 87, 56, 45

6. What is the D_1 in the distribution?
   A. 11 B. 17 C. 23 D. 34

7. How many scores are higher than the D_3?
   A. 5 B. 8 C. 11 D. 12

8. How many scores are lower than the D_7?
   A. 5 B. 6 C. 11 D. 12

9. What is the P_{36} in the distribution?
   A. 34 B. 45 C. 50 D. 56

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10. How many scores are lower than the P_{60}?

A. 10 B. 11 C. 12 D. 13

For items 11 to 14, refer to the table below.

Countries with the Highest Number of Covid-19 Cases as of July 30, 2020

Country	Total Corona Virus Cases
South Africa	471,123
Brazil	2,555,518
Iran	298,909
Russia	620,333
United States	4,567,750
Mexico	261,457
Peru	395,005
Italy	246,488
Spain	327,690
United Kingdom	301,455
India	1,021,611
Pakistan	276,288
Chile	349,800
Colombia	267,385
Saudi Arabia	270,831

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11. What is the Upper Quartile or third quartile of the data?
    A. 261,457 B. 471,123 C. 620,333 D. 1,021,611

12. What is the fifth decile of the data?
    A. 261,457 B. 327,690 C. 395,005 D. 471,123

13. What is the 80th percentile of the data?
    A. 471,123 B. 620,333 C. 1,021,611 D. 2,555,518

14. Which country has a higher number of Covid-19 cases compared to the country in the 40th percentile?
    A. Iran
    B. Pakistan
    C. United Kingdom
    D. Spain

15. In the 2019 National Career Achievement Examination (NCAE), Esmeralda's score in the Mathematics Ability Test is at 99th percentile rank. What does this mean?
    A. Esmeralda scored the highest.
    B. Esmeralda's score is 99 points.
    C. Esmeralda is the 99th in position among all the examinees.
    D. Esmeralda scored higher than the other 99% of the examinees.

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