**Key Term Matching Answer Key**

**Exploring Microsoft Excel, Chapter 8**

1.A visual display of tabulated frequencies.

**H. Histogram**

2.Measure of how two sample sets of data vary simultaneously.

**F. Covariance**

3.A statistical tool that compares the means between two data samples to determine if they were derived from the same population.

**B. ANOVA**

4.An add-in program that contains tools for performing complex statistical analysis.

**A. Analysis ToolPak**

5.A measure of a dataset’s dispersion, such as the difference between the highest and lowest points in the data.

**T. Variance**

6. Measures how far the data sample is spread around the mean.

**Q. Standard Deviation**

7.Determines the number of occurrences of numerical values in a dataset based on predetermined bins.

**G. FREQUENCY function**

8.Calculates the correlation coefficient of two data series.

**D. CORREL function**

9. Calculates the total of a range of values when a specified condition is met.

**R. SUMIF function**

10.A statistical function that identifies the rank of a value, omitting the next rank when tie values exist.

**P. RANK.EQ function**

11.Identifies the rank of a value, providing an average ranking for identical values.

**O. RANK.AVG function**

12.Identifies the value at a specific quartile.

**N. QUARTILE.INC function**

13.A statistical function that identifies the value at a specific quartile, exclusive of 0 and 4.

**M. QUARTILE.EXC function**

14.A statistical function that returns the percentile of a range including the 0 or 100% percentile.

**L**. **PERCENTRANK.INC function**

15.A statistical function that returns the percentile of a range excluding the 0 or 100% percentile. 

**K. PERCENTRANK.EXC function**

16.Counts the number of cells in a range when a specified condition is met.

**E. COUNTIF function**

17.Calculates the average of values in a range when a specified condition is met.

**C. AVERAGEIF function**

18.Identifies the kth percentile of a specified value within a list of values, including the 0th and 100th percentiles.

**J. PERCENTILE.INC function**

19.A statistical function that returns the percentile of a range excluding the 0 or 100% percentile.

**I. PERCENTILE.EXC function**

20.Calculates the total value of cells in a range that meet multiple criteria.

**S. SUMIFS function**