

WORKSHEET 2

1. What are the boundaries of 49.005?

- a) 49 - 50
- b) 48.505 - 49.505
- c) 49.0045 - 49.0055
- d) 48.955 - 49.055

2. The class width for the class (28-33) is.....

- a) 5
- b) 6
- c) 30.5
- d) 2.5

*** The following table shows the frequency distribution of temperature (in degree centigrade) in 30 cities:**

| Class Limits | Frequency |
|---------------------|------------------|
| 30-34 | 10 |
| 35-39 | 5 |
| 40-44 | 8 |
| 45-49 | 7 |

Use the above table to answer questions (3 - 5)

3. The number of cities with temperature less than 44.5 is:

- a) 8
- b) 5
- c) 15
- d) 23

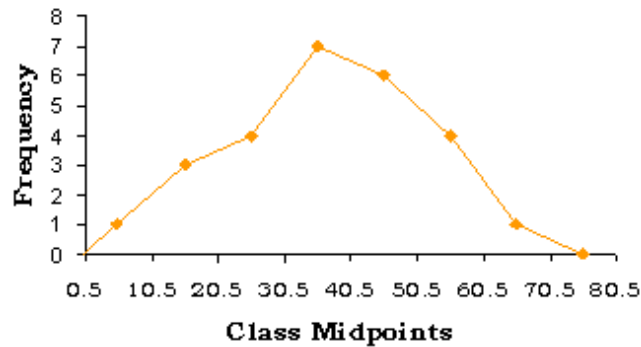
4. The percentage of values in the second class is:

- a) 0.05%
- b) 16.67%
- c) 0.17%
- d) 25%

5. The midpoint of the first class is:

- a) 32
- b) 2
- c) 33
- d) 64

*** Use the following graph to answer questions (6 - 7)**



6. The graph has peak(s).
- a) four
 - b) one
 - c) three
 - d) two
7. The type of graph is
- a) frequency polygon
 - b) time series graph
 - c) cumulative frequency graph
 - d) histogram
8. What graph should be used to show the relationship between the parts and the whole?
- a) Histogram
 - b) Pie graph
 - c) Pareto chart
 - d) Ogive
9. A department store wants to construct a pie graph to represent the marital status of its employees. There were 30 married, 10 divorced, 20 single, and 5 widowed. How many degrees will be needed to represent the divorced employees?
- a) 41.6°
 - b) 10°
 - c) 55.4°
 - d) 15.4°
10. When data are collected from January to December in year 2011, they can be represented by a
- a) histogram
 - b) pie graph
 - c) time series graph
 - d) pareto chart

11. The heights of the vertical bars in histograms represent the

- a) class width
- b) sample size
- c) frequencies of classes
- d) number of classes

Answer Key:

1. c
2. b
3. d
4. b
5. a
6. b
7. a
8. b
9. c
10. c
11. c