1. "Three doctors were asked about their opinion about the new medicine." This is an example of:
   A)implied connection
   B)suspect sample
   C)ambiguous average
   D)detached statistics

2. The following data set (1,8,2,2,7,7,1,8) is said to be:
   A) Multimodal
   B) Unimodal
   C) Bimodal
   D) No mode

3. "If a researcher counts the number of kids who have special needs." What type of study is this?
   A) Independent study
   B) Experimental study
   C) Quasi-experimental study
   D) Observational study

4. "Tofel IBT test."This is an example of which level of measurements?
   A) Continuous
   B) Ratio
   C) Interval
   D) Discrete

5. Using the class 20–38, what is the class midpoint?
   A) 9
   B) 29
   C) 58
   D) 18

6. "A History class recorded its highest score at 85 and lowest score at 55. Use this information to find the first class if we want to construct a grouped frequency distribution using 7 classes.
   A) 55 - 85
   B) 55 - 58
   C) 55 - 59
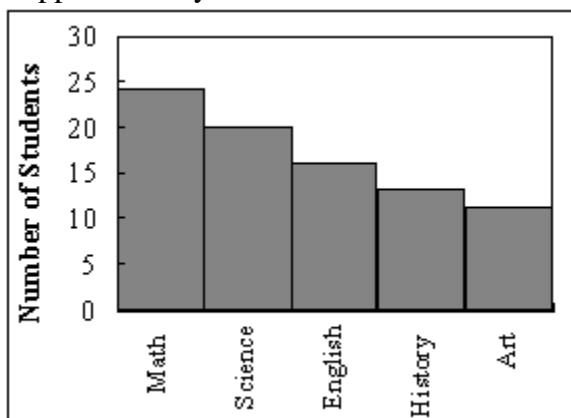   D) 55 – 60

7. The stem part for the data value 146 is…
   A) 6
   B) 14
   C) 46
   D) 1

8. The costs and the numbers of three models of bicycles are shown here. Find the weighted mean of the costs of the models

Model	Number	Cost
A	6	$700
B	2	$150
C	8	$950

   A) $4033.3
   B) $112.5
   C) $5.3
   D) $756.3

9. The total number of frequency in the data set which its Pareto chart is shown below is approximately:

   A) 83
   B) 5
   C) 24
   D) 30

A survey of your friends to find which kind of movie they liked a lot:

Favorite type of movie	Comedy	Action	Romance	Drama
Relative Frequency	0.2	0.25	0.3	0.25

10. Find the degree of friends like comedy movie is---
   A) 72☐
   B) 0.2
   C) 20 ☐
   D) 90 ☐