Surprise test questions

1. What is the purpose of data mining technologies?

2.       What role does machine learning play in data mining?

3.       Write the steps of KDD process.

4.       Specify four applications of data mining?

5.       Elaborate the curse of dimensionality?

6.       Calculate the interquartile range and outliers from the dataset:

12, 15, 18, 20, 25, 30, 35.

7.       Mention at least four issues of data mining

8.       Compute the approximate median from the following data:-

Age                        frequency

1-5                          200

6-15                       450

16-20                     300

21-50                     1500

51-80                     700

81-110                   44

9.       Compute the mode from the following distribution. Median value given as 35 and total frequency is 170.

variable                 frequency

0-10                       200

10-20                     20

20-30                     ?

30-40                     40

40-50                     ?

50-60                     25

60-70                     15

10.   Show the box plot for the following data

11,11,22,34,34,34,35,35,40,40,40,50,56,70,89,92,96