1. The following are marks obtained by a group of 40 students on an English examination:

42 88 37 75 98 93 73 62

96 80 52 76 66 54 73 69

83 62 53 79 69 56 81 75

52 65 49 80 67 59 88 80

44 71 72 87 91 82 89 79

Prepare a chart showing:

1. Frequency distribution and a cumulative frequency distribution for these scores, using a class interval of 5
2. The exact limits and the midpoints of the class intervals for the frequency distribution
3. The cumulative percentage frequency distribution
4. Prepare a histogram and a frequency polygon for the above data
5. For the scores in question one, calculate:
6. The percentile rank of someone who scores an 83
7. The score that falls at the 70th percentile

2 : Prepare a frequency distribution, and cumulative percentage distribution for the following scores:

2 11 6 4 18 1 9 2 2 15

8 16 12 11 17 3 3 5 3 7

11 9 5 16 16 16 4 9 5 7

4 10 4 4 15 15 5 5 11 18

5 10 9 8 7 7 2 6 13 1

14. Prepare a histogram and a frequency polygon for the above data

20. For the scores in question 2 above, calculate

1. The percentile rank for someone who scores a 14
2. That scores that falls at the 66th percentile