Introduction of Data

1. The heights of 10 boys were measured in cm and the results are as follows:

149, 152, 140, 135, 151, 141, 150, 136, 138, 129

- A. What is the height of the tallest boy?
- B. What is the height of the shortest boy?
- C. What is the mean height of the boy?
- D. How many girls have height more than the mean?
- E. The arithmetic mean of eight numbers is 72. Complete their sum.

2. Define the following terms.

- A. Observations
- B. Data
- C. Frequency
- D. Frequency distribution

3. The final marks in English of 30 students are as follows:

53	62	49	61	79	69	56	100	68	91
76	89	78	38	85	59	61	49	63	57
45	59	53	65	99	60	71	40	51	61

- A. Arrange these marks in ascending order. 30 to 39 one group, 40 to 49 to second group etc.
- B. What is the highest score?
- C. What is the lowest score?
- D. What is the range?
- E. If 40 is the pass mark how many have failed?
- F. How many have scored 75 or more?
- G. How many have scored less than 50?