1. An adventure group of 25 people undertook a trek. The following are the times (in min.) taken by them.

50, 42, 65, 54, 48, 75, 42, 38, 50, 46, 55, 68, 70, 45, 78, 50, 63, 40, 68, 50, 72, 60, 65, 50, 48.

(i) The organizers of the trek wanted the refreshment to be ready after 50% of the trekkers had reached the end point. What measure of central tendency should they use? Find the value of that measure.

(ii) What was the time taken by maximum number of people? What measure of central tendency tells you this? Find its value.

(iii) The organizers also wanted to know the average time taken by the group to complete the trek. What measure of central tendency will tell them this? Find its value.

2. Following data gives the number of children in 40 families:

1,2,6,5,1,5,1,3,2,6,2,3,4,2,0,0,4,4,3,2,2,0,0,1,2,2,4,3,2,1,0,5,1,2,4,3,4,1,6,2.

Represent it in the form of a frequency distribution table.