

ATOMIC ENERGY EDUCATION SOCIETY-MUMBAI

WORKSHEET MODULE-4; CLASS-IX-STATISTICS

1) Draw a histogram of a continuous frequency distribution as give below

Classes	10-20	20-30	30-40	40-50	50-60	Total
Frequencies	4	6		5	3	20

2) Draw the histogram from the following data.

Classes	4-6	6-8	8-10	10-12	12-14
Frequencies	3	2	4	3	4

3) Ages (in years) of the members of two sports Clubs were recorded and the collected is as under:

Represent the ages of the members of the sports clubs A and B on the same graph by two frequency polygon. Compare the pattern of the two clubs according to ages of the members.

Age	20-29	30-39	40-49	50-59	60-69	70-79	Total
No of members of club A	5	10	15	10	20	5	65
No of members of club B	10	15	10	5	10	15	65

4) Draw frequency polygon for data given below, without drawing histogram:

Classes	140-150	150-160	160-170	170-180	180-190	190-200
Frequencies	5	10	20	9	6	2

5) Prepare frequency polygon with the help of histogram from the following data:

Classes	0-6	6-12	12-18	18-24	24-30	30-36
Frequencies	4	8	15	20	12	6