National Institute of Open Schooling (NIOS)
Secondary Course
Lesson –25: Measures of Central Tendency
Worksheet – 25

1. In a Public School, the enrolment of last five years was 610, 705, 575, 650 and 600. Find the average enrolment per year of the School.
2. The mean of marks obtained by 40 students of Section-A of class-IX is 35, that of 42 students of Section-B is 35. Find out the mean marks obtained by 75 students in class-IX.
3. If the mean of the following distribution is 6, find the value f p.

x_i:	2	4	6	10	p+5
f_i:	3	2	3	1	2

4.

4. Find the mean of the following distribution:

Class Interval :	0-20	20-40	40-60	60-80	80-100
Frequency:	15	18	21	29	17

5.

5. The points scored by a basket ball team in a series of matches are as under:

14, 3, 8, 24, 12, 6, 11, 10, 11, 21, 45, 11, 9, 10, 15, 26

6.

Find the median of this data.

6. In a test in maths, the marks scored out of 100 are recorded. Calculate the median for the data:

51, 57, 53, 44, 46, 67, 60, 58, 96, 44, 49, 99

7.

7. Find the mode of the following data:

Weight (in kg)	50	51	52	53	54	55	56	57	58
No. of students	4	7	8	10	12	11	10	5	8

8.

8. Mean of 10 observations was found to be 25. Later on, it was detected that an observation which was 72, was taken as 27 by mistake. Find the correct mean of the observations.
9. Calculate the mean daily wage from the following distribution by using step deviation method

Daily wages (In Rupees)	200-250	250-300	300-350	350-400	400-450
Number of workers	10	5	15	12	8

10.

10. Find the median for the following distribution

Height (in cm):	140	142	145	148	150	152	156
No. of student	3	5	7	13	9	8	5

11.