BHARTI PUBLIC SCHOOL

Duration: 30mins   **Set A**   **Class XI Test- Averages**   **MM: 20**

1. Calculate mean from the following data: (4)

Size:	10	20	30	40	50	60
Frequency:	7	8	12	15	5	3

2. The mean of 20 items was found to be 60. If the combined mean of 50 items was 48, find the mean of rest of the 30 items.   (4)

3. The mean of 50 items was found to be 100. Later on one value of 90 was found to be included as 60. Find the correct mean.   (4)

4. Calculate the mean from the following data: (4)

Marks:	Less than 10	Less than 20	Less than 30	Less than 40
Frequency	10	16	24	30

5. Calculate missing frequency if mean wages are Rs.47.2.   (4)

Weekly Wages:	40- 43	43-46	46- 49	49- 52	52- 55
Workers:	31	58	60	x	27

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Duration: 30mins   **Set B**   **Class XI Test- Averages**   **MM: 20**

1. Calculate the weighted mean from the following data: (4)

Items:	12	29	14	41
Weights:	6	4	5	2

2. The mean of 20 items was found to be 50. Later on it was found that a value of 25 was wrongly included as 35. Find the correct mean.   (4)

3. Calculate the mean from the following data: (4)

Marks:	1-10	11-20	21-30	31-40	41-50
Frequency:	5	6	4	3	2

4. Find the missing value if the mean marks are 10.05.   (4)

5 6 7 8 12 x 15 17 18 3 10 5 10 12 15 11 13 1

5. The mean marks obtained by group of 20 students were 70. The mean mars of another group of 30 students were 80. Find the combined mean.   (4)

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Duration: 30mins   **Set C**   **Class XI Test- Averages**   **MM: 20**

1. Calculate missing value p from the following data when the mean is 11.37.   (4)

X:	5	7	p	11	13	16	20
F:	2	4	29	54	11	8	4

2. Calculate mean of all 100 items when the mean of 40 items was found to be 25 & mean of rest of the 60 items was found to be 35.   (4)

3. Calculate mean from the following data: (4)

Age:	Below 10	10-20	20-30	30-40	40-50
No. of People:	20	19	21	25	15

4. The mean of 38 items was found to be 68. Later on it was found that two values of 56 & 64 were not included. Find the correct mean.   (4)

5. In an examination, weightage given to English was twice that of Maths & weightage given to Science was twice of Social Science. Also the weightage of Maths is twice of Social Scince. If the marks obtained in English are 70, Maths 90, Science 70 & Social Science 60, then calculate weighted mean.   (4)

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Duration: 30mins   **Set D**   **Class XI Test- Averages**   **MM: 20**

1. Calculate mean from the following data: (4)

X:	15	25	35	45	55
F:	3	6	4	5	2

2. Calculate the mean of 50 items when the mean of 20 items was found to be 25 & mean of rest of the 30 items was found to be 30.   (4)

3. Calculate mean from the following data: (4)

Age:	0-15	15-20	20-30	30-40	40-60	60-80
Frequency:	10	20	15	10	25	20

4. The mean of 50 items was calculated to be 70. But two values of 65 & 86 were wrongly included as 56 & 68. Find the correct mean.   (4)

5. In a society, teacher is given twice a weightage as engineer & doctor is given twice the weightage as banker. If the monthly salary of a teacher is Rs.40000, Engineer Rs.35000, doctor Rs.50000 & banker Rs.40000, then calculate the weighted salary.   (4)