EduSahara™ Assignment

Name : Mean of Frequency Distribution

Chapter : Mean and Median of Ungrouped Data

Grade : ICSE Grade IX

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1. Heights of 25 students are given below. Find the mean.

Height (in cm)	127	138	141	161	164	166	170
No. of students	3	4	2	2	2	8	4

(i) 155 cm (ii) $\frac{3898}{25}$ cm (iii) $\frac{3873}{25}$ cm (iv) $\frac{3923}{25}$ cm (v) $\frac{3874}{25}$ cm

2. Heights of 25 plants are given below. Find the mean.

Height (in cm)	56	58	60	62	84	97	99	100
No. of plants	4	1	3	4	1	7	3	2

(i) $\frac{404}{5}$ cm (ii) $\frac{399}{5}$ cm (iii) $\frac{394}{5}$ cm (iv) $\frac{396}{5}$ cm (v) 79 cm

3. Ages of 15 students are given below. Find the mean.

Age (in years)	10	11	12	13	14	15
No. of students	4	2	2	2	3	2

(i) $\frac{37}{3}$ years (ii) $\frac{214}{15}$ years (iii) $\frac{62}{5}$ years (iv) $\frac{199}{15}$ years (v) $\frac{184}{15}$ years

4. Scores of 25 students are given below. Find the mean.

Score	73	74	79	82	83	84	86	88
No. of students	6	3	4	2	2	2	4	2

(i) $\frac{2019}{25}$ (ii) $\frac{1994}{25}$ (iii) $\frac{399}{5}$ (iv) $\frac{1996}{25}$ (v) $\frac{2044}{25}$

5. Rainfall of 15 days are given below. Find the mean.

Rainfall (in mm)	6	8	11	12	13	14	15
No. of days	2	2	3	4	1	1	2

(i) $\frac{181}{15}$ mm (ii) $\frac{196}{15}$ mm (iii) $\frac{166}{15}$ mm (iv) $\frac{167}{15}$ mm (v) $\frac{56}{5}$ mm

6. Temperatures of 20 days are given below. Find the mean.

Temperature (in degree C)	27	28	29	30	31	32	34	35
No. of days	2	3	2	6	3	1	1	2

(i) $\frac{129}{4}$ °C (ii) $\frac{123}{4}$ °C (iii) $\frac{125}{4}$ °C (iv) $\frac{121}{4}$ °C (v) $\frac{61}{2}$ °C

7. Weights of 20 students are given below. Find the mean.

Weight (in kg)	40	42	45	46	47	49	51	54	59
No. of students	2	1	3	5	4	1	1	2	1

(i) $\frac{236}{5}$ kg (ii) $\frac{471}{10}$ kg (iii) $\frac{491}{10}$ kg (iv) $\frac{473}{10}$ kg (v) $\frac{481}{10}$ kg

8. Wages of 25 labourers are given below. Find the mean.

Wage (in rupees)	301	309	313	337	364	384	490	496	499
No. of labourers	4	4	1	2	3	1	3	5	2

(i) ₹394.08 (ii) ₹394.04 (iii) ₹394.12 (iv) ₹396.04 (v) ₹395.04

9. If the mean of the following frequency distribution is $9\frac{2}{25}$,

find the value of 'x'.

Value	**Frequency**
5	3
6	5
7	2
8	3
9	1
10	2
11	2
12	2
13	1
14	x

(i) 4 (ii) 3 (iii) 2 (iv) 6 (v) 5

Assignment Key

1) (iii)	2) (iii)	3) (v)	4) (ii)	5) (iii)	6) (iv)
7) (ii)	8) (ii)	9) (i)			

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