



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

1.	Height (in cm)	130	146	147	149	156	158	162	170
	No. of students	2	2	4	3	3	4	2	5

- (i) $\frac{3861}{25}$ cm (ii) $\frac{3863}{25}$ cm (iii) $\frac{3911}{25}$ cm (iv) $\frac{3862}{25}$ cm (v) $\frac{3886}{25}$ cm

Heights of 20 plants are given below. Find the mean.

2.	Height (in cm)	58	60	64	67	70	72	80	91	94	97
	No. of plants	2	2	2	2	1	2	2	1	4	2

- (i) $\frac{1573}{20}$ cm (ii) $\frac{1553}{20}$ cm (iii) $\frac{307}{4}$ cm (iv) $\frac{1533}{20}$ cm (v) $\frac{767}{10}$ cm

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

3.	Age (in years)	10	11	12	13	14	15
	No. of students	1	3	3	4	3	1

- (i) $\frac{218}{15}$ years (ii) $\frac{63}{5}$ years (iii) $\frac{38}{3}$ years (iv) $\frac{203}{15}$ years (v) $\frac{188}{15}$ years

Scores of 20 students are given below. Find the mean.

4.	Score	75	76	77	78	81	84	87	88	90
	No. of students	2	3	2	1	4	2	2	3	1

- (i) $\frac{163}{2}$ (ii) 82 (iii) $\frac{167}{2}$ (iv) $\frac{165}{2}$

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

5.	Rainfall (in mm)	5	6	8	9	10	11	12	14	15
	No. of days	1	1	3	2	1	1	1	3	2

- (i) $\frac{53}{5}$ mm (ii) $\frac{173}{15}$ mm (iii) $\frac{32}{3}$ mm (iv) $\frac{188}{15}$ mm (v) $\frac{158}{15}$ mm

Temperatures of 30 days are given below. Find the mean.

6.	Temperature (in degree C)	25	28	29	31	32	34	35
	No. of days	5	4	5	5	3	6	2

- (i) $\frac{967}{30}$ °C (ii) $\frac{303}{10}$ °C (iii) $\frac{907}{30}$ °C (iv) $\frac{937}{30}$ °C (v) $\frac{454}{15}$ °C

Weights of 25 students are given below. Find the mean.

7.	Weight (in kg)	41	42	43	46	47	51	55	59	60
	No. of students	3	4	3	2	3	2	1	4	3

- (i) $\frac{1226}{25}$ kg (ii) $\frac{1228}{25}$ kg (iii) $\frac{1251}{25}$ kg (iv) $\frac{1227}{25}$ kg (v) $\frac{1276}{25}$ kg

Wages of 20 labourers are given below. Find the mean.

8.

Wage (in rupees)	351	386	427	434	435	447	464	482
No. of labourers	1	1	2	5	2	3	3	3

- (i) ₹441.00 (ii) ₹440.50 (iii) ₹442.50 (iv) ₹441.50

The following table shows the weights of 79 persons in a group. Find the mean weight.

9.

Weight (in kg)	20 - 26	27 - 33	34 - 40	41 - 47	48 - 54	55 - 61	62 - 68
No. of persons	8	13	20	5	15	11	7

- (i) $\frac{3394}{79}$ kg (ii) $\frac{3471}{79}$ kg (iii) $\frac{3392}{79}$ kg (iv) $\frac{3393}{79}$ kg (v) $\frac{3550}{79}$ kg

The following table shows the weights of 79 persons in a group. Find the mean weight.

10.

Weight (in kg)	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40
No. of persons	12	18	9	17	9	14

- (i) $\frac{1953}{79}$ kg (ii) $\frac{4063}{158}$ kg (iii) $\frac{3905}{158}$ kg (iv) $\frac{3907}{158}$ kg (v) $\frac{4221}{158}$ kg

The daily wages of 65 workers in a factory are given below. Find the mean wage.

11.

Wage (in rupees)	30 - 40	41 - 51	52 - 62	63 - 73	74 - 84
No. of workers	8	25	8	12	12

- (i) ₹58.15 (ii) ₹56.31 (iii) ₹57.15 (iv) ₹56.15 (v) ₹56.23

The daily wages of 113 workers in a factory are given below. Find the mean wage.

12.

Wage (in rupees)	30 - 38	38 - 46	46 - 54	54 - 62	62 - 70	70 - 78	78 - 86
No. of workers	27	13	21	23	6	17	6

- (i) ₹54.04 (ii) ₹53.05 (iii) ₹55.04 (iv) ₹53.04 (v) ₹53.06

A frequency distribution table is given below. Find the mean .

13.

Class-Interval	13 - 19	20 - 26	27 - 33	34 - 40	41 - 47
Frequency	18	39	12	8	41

- (i) $\frac{3647}{118}$ (ii) $\frac{1823}{59}$ (iii) $\frac{3763}{118}$ (iv) $\frac{3645}{118}$ (v) $\frac{3881}{118}$

A frequency distribution table is given below. Find the mean .

14.

Class-Interval	13 - 19	19 - 25	25 - 31	31 - 37	37 - 43	43 - 49
Frequency	26	6	23	2	19	28

- (i) $\frac{829}{26}$ (ii) $\frac{827}{26}$ (iii) $\frac{853}{26}$ (iv) $\frac{879}{26}$ (v) $\frac{414}{13}$

The following frequency distribution table gives the monthly consumption of electricity of 46 consumers in a locality. Find the mean units.

15.

Monthly consumption (in units)	62 - 72	72 - 82	82 - 92	92 - 102	102 - 112
No. of consumers	11	8	8	14	5

- (i) $\frac{1973}{23}$ units (ii) $\frac{1972}{23}$ units (iii) $\frac{1971}{23}$ units (iv) $\frac{2017}{23}$ units (v) $\frac{1994}{23}$ units

The following frequency distribution table gives the monthly consumption of electricity of 63 consumers in a locality. Find the median units.

16.

Monthly consumption (in units)	78 - 98	98 - 118	118 - 138	138 - 158	158 - 178
No. of consumers	14	8	11	25	5
- (i) $\frac{1510}{11}$ units (ii) $\frac{1488}{11}$ units (iii) $\frac{1489}{11}$ units (iv) $\frac{1490}{11}$ units (v) $\frac{1499}{11}$ units

If the mean of the following frequency distribution is $7\frac{17}{30}$, find the value of 'x'.

17.

Value	Frequency
5	4
6	6
7	4
8	x
9	7
10	4
- (i) 6 (ii) 3 (iii) 5 (iv) 4 (v) 8

The heights of 21 pupils in a school are given below. Calculate the mean height correct to 2 decimal places.

18.

Height (in cm)	less than 131	less than 138	less than 145	less than 152	less than 159
No. of pupils	3	6	10	16	21
- (i) 159.83 cm (ii) 127.83 cm (iii) 143.83 cm (iv) 161.83 cm (v) 125.83 cm

The daily wage of 43 workers of a factory is given below. Calculate the mean wage correct to 2 decimal places.

19.

Daily income (in Rs)	less than 220	less than 240	less than 260	less than 280	less than 300
No. of workers	8	16	26	33	43
- (i) ₹251.40 (ii) ₹266.40 (iii) ₹267.40 (iv) ₹228.40 (v) ₹233.40

The marks obtained by 37 students of a class in an examination is given below. Calculate the mean mark correct to 2 decimal places.

20.

Marks	less than 20	less than 25	less than 30	less than 35	less than 40
No. of students	8	14	20	30	37
- (i) 22.77 (ii) 32.77 (iii) 24.77 (iv) 30.77 (v) 27.77

The production yield in kg per hectare of wheat of 44 farms of a village is given below. Calculate the mean yield correct to 2 decimal places.

21.

Production yield (in kg/ha)	less than 69	less than 78	less than 87	less than 96	less than 105	less than 114
Number of farms	8	15	22	28	37	44
- (i) 84.00 (ii) 90.00 (iii) 87.00 (iv) 92.00 (v) 82.00

Assignment Key

1) (i)	2) (iv)	3) (v)	4) (i)	5) (v)	6) (iii)
7) (i)	8) (ii)	9) (iii)	10) (iii)	11) (iv)	12) (iv)
13) (iv)	14) (ii)	15) (iii)	16) (ii)	17) (iii)	18) (iii)
19) (i)	20) (v)	21) (iii)			