

EduSahara™ Learning Center Assignment

Grade : Class VIII, ICSE
Chapter : Statistics
Name : Frequency Distribution Table Metrics
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Scores of 11 students are given below. Find the mode.

1.

Score	70	71	80	81	82	84	85	87
No. of students	1	1	4	1	1	1	1	1

(i) 81 (ii) 78 (iii) 82 (iv) 80 (v) 79

Temperatures of 15 days are given below. Find the median.

2.

Temperature (in degree C)	25	26	27	29	30	31	32	33	34
No. of days	1	1	2	1	2	2	1	3	2

(i) 29 °C (ii) 31 °C (iii) 32 °C (iv) 33 °C (v) 30 °C

Weights of 10 students are given below. Find the mean.

3.

Weight (in kg)	40	43	44	45	50	53	57
No. of students	2	1	1	1	1	3	1

(i) 48 kg (ii) $\frac{241}{5}$ kg (iii) $\frac{249}{5}$ kg (iv) $\frac{239}{5}$ kg (v) $\frac{244}{5}$ kg

Weights of 26 students are given below. Find the mode.

4.

Weight (in kg)	40	42	44	47	49	53	54	58
No. of students	6	3	2	2	3	3	2	5

(i) 42 kg (ii) 41 kg (iii) 39 kg (iv) 40 kg (v) 38 kg

Weights of 15 students are given below. Find the median.

5.

Weight (in kg)	48	49	51	54	60
No. of students	2	2	4	4	3

(i) 51 kg (ii) 50 kg (iii) 53 kg (iv) 49 kg (v) 52 kg

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

6.

Wage (in rupees)	316	328	330	344	349	374	416	430	439	462	483
No. of labourers	6	1	1	3	1	1	1	3	1	1	1

(i) ₹ 370.05 (ii) ₹ 371.95 (iii) ₹ 369.95 (iv) ₹ 370.00 (v) ₹ 370.95

Wages of 16 labourers are given below. Find the mode.

7.

Wage (in rupees)	303	315	317	420	460	465	467	500
No. of labourers	3	2	5	1	1	1	1	2

(i) ₹ 315.00 (ii) ₹ 316.00 (iii) ₹ 318.00 (iv) ₹ 319.00 (v) ₹ 317.00

Wages of 10 labourers are given below. Find the median.

8.

Wage (in rupees)	300	316	318	394	398	401
No. of labourers	2	1	1	1	1	4

(i) ₹ 396.00 (ii) ₹ 397.00 (iii) ₹ 398.00 (iv) ₹ 394.00 (v) ₹ 395.00

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

9.

Height (in cm)	134	144	145	153	155	161	163
No. of students	2	2	6	6	2	6	1

(i) $\frac{757}{5}$ cm (ii) $\frac{3833}{25}$ cm (iii) $\frac{3808}{25}$ cm (iv) $\frac{3783}{25}$ cm (v) $\frac{3784}{25}$ cm

Heights of 21 students are given below. Find the mode.

10.

Height (in cm)	134	141	148	149	150	154	157	163
No. of students	1	6	3	1	1	3	2	4

(i) 139 cm (ii) 140 cm (iii) 142 cm (iv) 143 cm (v) 141 cm

Heights of 30 students are given below. Find the median.

11.

Height (in cm)	129	139	149	151	152	161	167	171
No. of students	4	3	4	4	5	2	4	4

(i) $\frac{303}{2}$ cm (ii) $\frac{305}{2}$ cm (iii) $\frac{307}{2}$ cm (iv) 152 cm

Heights of 10 plants are given below. Find the mean.

12.

Height (in cm)	55	74	82	83	85	94	95
No. of plants	1	2	2	1	1	2	1

- (i) 82 cm (ii) $\frac{409}{5}$ cm (iii) $\frac{411}{5}$ cm (iv) $\frac{414}{5}$ cm (v) $\frac{419}{5}$ cm
-

Heights of 11 plants are given below. Find the mode.

13.

Height (in cm)	69	70	73	80	82	100
No. of plants	1	1	2	2	1	4

- (i) 100 cm (ii) 98 cm (iii) 101 cm (iv) 102 cm (v) 99 cm
-

Heights of 15 plants are given below. Find the median.

14.

Height (in cm)	51	58	59	68	82	89	91
No. of plants	1	3	3	2	2	2	2

- (i) 70 cm (ii) 69 cm (iii) 67 cm (iv) 68 cm (v) 66 cm
-

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

15.

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

- (i) 13 years (ii) $\frac{324}{25}$ years (iii) $\frac{349}{25}$ years (iv) $\frac{326}{25}$ years (v) $\frac{374}{25}$ years
-

Ages of 26 students are given below. Find the mode.

16.

Age (in years)	10	11	12	13	14	15
No. of students	4	6	4	5	3	4

- (i) 11 years (ii) 13 years (iii) 12 years (iv) 9 years (v) 10 years
-

Ages of 20 students are given below. Find the median.

17.

Age (in years)	10	11	12	13	14	15
No. of students	6	2	4	2	2	4

- (i) 12 years (ii) 13 years (iii) 11 years (iv) 10 years (v) 14 years
-

Scores of 30 students are given below. Find the mean.

18.

Score	72	73	75	79	80	83	90
No. of students	3	2	2	8	2	6	7

- (i) $\frac{1231}{15}$ (ii) $\frac{406}{5}$ (iii) $\frac{1216}{15}$ (iv) $\frac{1246}{15}$ (v) $\frac{1217}{15}$
-

Scores of 26 students are given below. Find the mode.

19.

Score	72	74	77	81	82	85	87	90
No. of students	1	2	1	8	3	5	1	5

- (i) 81 (ii) 80 (iii) 83 (iv) 79 (v) 82
-

Scores of 25 students are given below. Find the median.

20.

Score	72	76	79	81	84	86	90
No. of students	4	4	3	4	3	5	2

- (i) 80 (ii) 82 (iii) 83 (iv) 81 (v) 79
-

Rainfall of 25 days are given below. Find the mean.

21.

Rainfall (in mm)	5	6	7	8	10	11	12	14
No. of days	7	4	1	3	4	1	3	2

- (i) $\frac{42}{5}$ mm (ii) $\frac{41}{5}$ mm (iii) $\frac{43}{5}$ mm (iv) $\frac{51}{5}$ mm (v) $\frac{46}{5}$ mm
-

Rainfall of 11 days are given below. Find the mode.

22.

Rainfall (in mm)	5	6	7	8	14	15
No. of days	1	1	5	1	2	1

- (i) 7 mm (ii) 5 mm (iii) 9 mm (iv) 6 mm (v) 8 mm
-

Rainfall of 25 days are given below. Find the median.

23.

Rainfall (in mm)	5	6	7	8	9	11	12	13	15
No. of days	6	4	2	1	2	2	1	2	5

- (i) 9 mm (ii) 7 mm (iii) 8 mm (iv) 6 mm (v) 10 mm
-

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

24.

Temperature (in degree C)	26	27	28	29	32	34	35
No. of days	7	5	4	4	4	3	3

- (i) $\frac{88}{3}$ °C (ii) $\frac{94}{3}$ °C (iii) 30 °C (iv) $\frac{91}{3}$ °C (v) $\frac{89}{3}$ °C
-

Temperatures of 31 days are given below. Find the mode.

25.

Temperature (in degree C)	25	26	29	30	31	32	33	34
No. of days	2	6	4	5	2	5	3	4

(i) 28 °C (ii) 24 °C (iii) 25 °C (iv) 26 °C (v) 27 °C

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

26.

Temperature (in degree C)	25	26	27	28	29	30	31	32	33
No. of days	4	2	4	4	4	2	3	5	2

(i) 28 °C (ii) 31 °C (iii) 30 °C (iv) 29 °C (v) 27 °C

Weights of 30 students are given below. Find the mean.

27.

Weight (in kg)	40	46	50	53	56	59	60
No. of students	4	3	6	2	10	2	3

(i) $\frac{782}{15}$ kg (ii) $\frac{261}{5}$ kg (iii) $\frac{796}{15}$ kg (iv) $\frac{811}{15}$ kg (v) $\frac{781}{15}$ kg

Weights of 16 students are given below. Find the mode.

28.

Weight (in kg)	41	45	47	48	51	52	53	54	55	56
No. of students	1	3	1	1	1	1	2	2	2	2

(i) 43 kg (ii) 45 kg (iii) 44 kg (iv) 47 kg (v) 46 kg

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

29.

Weight (in kg)	40	41	45	46	47	50	53	55	59	60
No. of students	3	2	4	2	3	1	3	2	2	3

(i) 45 kg (ii) 46 kg (iii) 49 kg (iv) 48 kg (v) 47 kg

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

30.

Wage (in rupees)	304	316	382	407	437	445	459	468	490
No. of labourers	3	1	1	2	2	4	2	2	3

(i) ₹ 420.10 (ii) ₹ 422.10 (iii) ₹ 421.10 (iv) ₹ 420.20 (v) ₹ 420.30

Wages of 21 labourers are given below. Find the mode.

31.

Wage (in rupees)	313	322	358	404	407	415	485	490
No. of labourers	1	3	3	1	3	3	5	2

(i) ₹ 487.00 (ii) ₹ 483.00 (iii) ₹ 485.00 (iv) ₹ 486.00 (v) ₹ 484.00

Wages of 30 labourers are given below. Find the median.

32.

Wage (in rupees)	347	366	380	386	390	401	425	433	492	500
No. of labourers	1	1	1	1	2	3	6	5	7	3

(i) ₹ 430.00 (ii) ₹ 429.00 (iii) ₹ 427.00 (iv) ₹ 428.00 (v) ₹ 431.00

Assignment Key

- 1) (iv)
- 2) (ii)
- 3) (iv)
- 4) (iv)
- 5) (i)
- 6) (iii)
- 7) (v)
- 8) (i)
- 9) (iv)
- 10) (v)
- 11) (i)
- 12) (ii)
- 13) (i)
- 14) (iv)
- 15) (ii)
- 16) (i)
- 17) (i)
- 18) (iii)
- 19) (i)
- 20) (iv)
- 21) (ii)
- 22) (i)
- 23) (iii)
- 24) (i)
- 25) (iv)
- 26) (iv)
- 27) (v)
- 28) (ii)
- 29) (v)
- 30) (i)
- 31) (iii)
- 32) (ii)