

EduSahara™ Learning Center Assignment

Grade : Class IX, SSC

Chapter : Statistics

Name : Mode of Frequency Distribution

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

1.	Height (in cm)	125	135	146	155	156	158	165	171	172
	No. of students	1	2	1	2	1	2	7	3	2

(i) 167 cm (ii) 165 cm (iii) 166 cm (iv) 163 cm (v) 164 cm

Heights of 26 plants are given below. Find the mode.

2.	Height (in cm)	51	68	69	70	74	78	82	86	90
	No. of plants	6	2	2	3	1	2	3	2	5

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

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

3.	Age (in years)	10	11	12	13	14
	No. of students	2	1	3	4	6

(i) 13 years (ii) 12 years (iii) 16 years (iv) 15 years (v) 14 years

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

4.	Score	70	74	75	76	79	80	82	84	85	87	89
	No. of students	1	2	4	2	1	1	3	2	3	1	1

(i) 73 (ii) 74 (iii) 75 (iv) 77 (v) 76

Rainfall of 26 days are given below. Find the mode.

5.	Rainfall (in mm)	5	6	7	8	10	11	12	13	15
	No. of days	2	3	2	3	7	3	2	2	2

(i) 8 mm (ii) 11 mm (iii) 9 mm (iv) 12 mm (v) 10 mm

Temperatures of 26 days are given below. Find the mode.

6.	Temperature (in degree C)	25	26	27	28	29	30	31	32	33	34
	No. of days	2	3	3	5	1	1	4	2	4	1

(i) 27 °C (ii) 26 °C (iii) 28 °C (iv) 29 °C (v) 30 °C

7. Weights of 21 students are given below. Find the mode.

Weight (in kg)	41	42	43	44	49	51	54	55	59
-----------------------	----	----	----	----	----	----	----	----	----

No. of students	1	3	5	2	3	2	2	1	2
-----------------	---	---	---	---	---	---	---	---	---

(i) 43 kg (ii) 41 kg (iii) 45 kg (iv) 44 kg (v) 42 kg

Wages of 31 labourers are given below. Find the mode.

8.

Wage (in rupees)	353	397	406	409	431	440	459	475	486
No. of labourers	5	3	5	1	3	1	3	2	8

(i) ₹ 488.00 (ii) ₹ 487.00 (iii) ₹ 486.00 (iv) ₹ 484.00 (v) ₹ 485.00

Assignment Key

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