Name : Mode of Frequency Distribution

Chapter : Statistics

Grade: CBSE Grade IX

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

1.	Height (in cm)	130	138	139	143	147	149	156	173
	No. of students	1	1	8	3	3	4	4	2

(i) 140 cm (ii) 139 cm (iii) 138 cm (iv) 137 cm (v) 141 cm

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

- 2. **Height (in cm)** 59 61 73 80 86 88 97 99 **No. of plants** 3 2 3 1 2 3 8 4
 - (i) 99 cm (ii) 95 cm (iii) 98 cm (iv) 97 cm (v) 96 cm

Ages of 11 students are given below. Find the mode.

- 3. **Age (in years)** 10 11 12 13 14 15 **No. of students** 1 1 4 1 1 3
 - (i) 10 years (ii) 11 years (iii) 12 years (iv) 13 years (v) 14 years

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

4.	Score	70	73	75	78	82	84	86	87
	No. of students	1	6	3	1	1	1	2	1

(i) 73 (ii) 72 (iii) 74 (iv) 75 (v) 71

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

- 5. Rainfall (in mm) 6 7 8 10 11 12 14 15 No. of days 1 1 3 1 1 1 1 2
 - (i) 8mm (ii) 6mm (iii) 7mm (iv) 10mm (v) 9mm

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

6.	Temperature (in degree C)	25	26	27	28	29	30	31	32	33	35
	No. of days	2	1	3	2	1	8	3	4	4	3

(i) 32°C (ii) 29°C (iii) 28°C (iv) 30°C (v) 31°C

Weights of 31 students are given below. Find the mode.

7.	Weight (in kg)	44	46	47	48	49	50	52	53	56	58	59
	No. of students	2	3	4	2	2	6	2	5	2	1	2

(i) 49 kg (ii) 48 kg (iii) 50 kg (iv) 51 kg (v) 52 kg

Wages of 11 labourers are given below. Find the mode.

8.	Wage (in rupees)	302	368	427	452	464	497
	No. of labourers	2	2	4	1	1	1

(i) ₹427.00 (ii) ₹429.00 (iii) ₹428.00 (iv) ₹425.00 (v) ₹426.00

Assignment Key									
1) (ii)	2) (iv)	3) (iii)	4) (i)	5) (i)	6) (iv)				
7) (iii)	8) (i)								

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