

EduSahara™ Learning Center Assignment

Grade : Class IX, SSC

Chapter : Statistics

Name : Mode of Raw Data

The scores obtained by 14 students in a test are

1. 12, 12, 18, 2, 12, 10, 25, 9, 6, 24, 18, 23, 13, 12

Find the mode.

- (i) $14\frac{2}{13}$ (ii) 2 (iii) 23 (iv) 25 (v) 12

The marks obtained by 11 students in a test are given below.

2. Find their mode marks.

17, 25, 7, 44, 28, 33, 9, 16, 41, 49, 40

- (i) 10 (ii) 8 (iii) 7 (iv) 6 (v) 4

Heights of 14 students (in cm) are given below. Find the mode height.

3. 174, 156, 170, 140, 142, 142, 126, 126, 169, 137, 175, 155, 126, 126

- (i) 126 cm (ii) 128 cm (iii) 127 cm (iv) 124 cm (v) 125 cm

Heights of 13 plants (in cm) are given below. Find the mode height.

4. 96, 95, 75, 60, 53, 89, 57, 88, 56, 72, 67, 92, 53

- (i) 53 cm (ii) 51 cm (iii) 55 cm (iv) 54 cm (v) 52 cm

Ages of 14 students (in years) are given below. Find the mode age.

5. 14, 12, 13, 15, 13, 12, 11, 15, 15, 13, 13, 13, 15, 13

- (i) 12 years (ii) 11 years (iii) 13 years (iv) 15 years (v) 14 years

Rainfall of 11 days (in mm) are given below. Find the mode rainfall.

6. 14, 9, 15, 11, 10, 11, 10, 6, 10, 13, 10

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

Scores of 15 students are given below. Find the mode score.

7. 90, 80, 70, 77, 81, 71, 82, 71, 75, 83, 77, 80, 79, 88, 71

- (i) 69 (ii) 71 (iii) 72 (iv) 73 (v) 70

8. Temperatures of 15 days (in °C) are given below. Find the mode temperature.

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31 25 33 28 26 34 29 33 30 29 31 34 28 26 26

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

Weights of 11 students (in kg) are given below. Find the mode weight.

9. 40 , 49 , 44 , 55 , 55 , 56 , 59 , 46 , 57 , 60 , 55

(i) 54 kg (ii) 53 kg (iii) 57 kg (iv) 56 kg (v) 55 kg

Daily wages of 16 labourers (in ₹) are given below. Find the mode wage.

10. 316 , 462 , 302 , 477 , 458 , 355 , 424 , 408 , 456 , 407 , 488 , 300 , 399 , 397 , 357
300

(i) ₹ 301.00 (ii) ₹ 300.00 (iii) ₹ 298.00 (iv) ₹ 299.00 (v) ₹ 302.00

Assignment Key

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