

**EduSahara™ Learning Center Assignment****Grade : Class VIII, ICSE****Chapter : Statistics****Name : Mode of Raw Data****Licensed To : Teachers and Students for non-commercial use**

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The scores obtained by 14 students in a test are

1. 7 , 12 , 22 , 22 , 23 , 23 , 9 , 27 , 25 , 21 , 22 , 18 , 4 , 26

Find the mode.

- (i) 22 (ii)  $18\frac{5}{13}$  (iii) 23 (iv) 27 (v) 4
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The marks obtained by 11 students in a test are given below.

2. Find their mode marks.

17 , 24 , 25 , 39 , 24 , 19 , 22 , 38 , 43 , 40 , 18

- (i) 26 (ii) 23 (iii) 25 (iv) 21 (v) 24
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Heights of 13 students (in cm) are given below. Find the mode height.

3. 144 , 169 , 169 , 135 , 151 , 147 , 136 , 174 , 147 , 155 , 146 , 130 , 147

- (i) 146 cm (ii) 148 cm (iii) 149 cm (iv) 145 cm (v) 147 cm
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Heights of 12 plants (in cm) are given below. Find the mode height.

4. 98 , 67 , 87 , 99 , 72 , 54 , 81 , 53 , 65 , 79 , 87 , 87

- (i) 85 cm (ii) 89 cm (iii) 86 cm (iv) 88 cm (v) 87 cm
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Ages of 15 students (in years) are given below. Find the mode age.

5. 10 , 14 , 13 , 12 , 14 , 14 , 12 , 11 , 15 , 15 , 12 , 14 , 12 , 12 , 12

- (i) 10 years (ii) 12 years (iii) 14 years (iv) 13 years (v) 11 years
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Rainfall of 16 days (in mm) are given below. Find the mode rainfall.

6. 8 , 7 , 12 , 6 , 14 , 7 , 15 , 12 , 14 , 9 , 9 , 13 , 6 , 10 , 14  
14

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

Scores of 11 students are given below. Find the mode score.

7. 90 , 83 , 86 , 79 , 89 , 70 , 72 , 80 , 73 , 72 , 72

(i) 74 (ii) 70 (iii) 72 (iv) 73 (v) 71

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Temperatures of 13 days (in °C) are given below. Find the mode temperature.

8. 28 , 34 , 35 , 30 , 29 , 33 , 28 , 26 , 29 , 33 , 30 , 27 , 28

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

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

9. 40 , 51 , 47 , 52 , 49 , 45 , 60 , 47 , 55 , 53 , 47

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

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Daily wages of 13 labourers (in ₹) are given below. Find the mode wage.

10. 496 , 315 , 341 , 358 , 463 , 486 , 480 , 300 , 331 , 489 , 355 , 485 , 300

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

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## Assignment Key

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