



1. The scores obtained by 11 students in a test are given below. Find the mode. 15 9 11 8 9 13 9 5 14 4 18

- (i) 9 (ii) 10 (iii) 18 (iv) $10\frac{3}{5}$ (v) 14

2. The marks obtained by 13 students in a test are given below. Find their mode marks.

21 39 49 27 45 19 22 16 31 36 1 1 15

- (i) 0 (ii) 3 (iii) 1 (iv) 2 (v) -2

3. Heights of 16 students (in cm) are given below. Find the mode height.

173 155 148 154 167 164 131 156 129 134 125 142 165 171 148 148

- (i) 147cm (ii) 149cm (iii) 150cm (iv) 146cm (v) 148cm

4. Heights of 16 plants (in cm) are given below. Find the mode height.

66 72 69 68 59 66 99 96 74 76 93 69 95 56 52 66

- (i) 67cm (ii) 66cm (iii) 65cm (iv) 68cm (v) 64cm

5. Ages of 13 students (in years) are given below. Find the mode age.

10 13 14 15 12 14 13 15 11 12 14 12 12

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

6. Rainfall of 13 days (in mm) are given below. Find the mode rainfall.

8 8 13 13 14 7 13 14 5 13 6 6 13

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

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

88 87 89 81 80 87 84 77 87 83 87

- (i) 87 (ii) 88 (iii) 85 (iv) 86 (v) 89

8. Temperatures of 16 days (in °C) are given below. Find the mode temperature.

34 35 34 26 32 35 33 27 27 25 29 30 28 35 30 35

- (i) 37°C (ii) 35°C (iii) 33°C (iv) 34°C (v) 36°C

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

51 53 48 53 41 54 55 58 40 58 53

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

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

482 391 402 453 387 383 479 415 424 363 401 459 336 414 448 336

- (i) ₹335.00 (ii) ₹336.00 (iii) ₹337.00 (iv) ₹334.00 (v) ₹338.00

11. Find the Mode when Median is 38.3 and Mean is 6.9.

- (i) 99.1 (ii) 102.1 (iii) 100.1 (iv) 101.1 (v) 103.1

12. Find the Mode when Median is 79 and Mean is 27.

- (i) 182 (ii) 184 (iii) 183 (iv) 181 (v) 185

13. The mean and median of a uni-modal grouped data are 70.7 and 66.4 respectively. Find the mode of the data.

- (i) 81.3 (ii) 77.3 (iii) 78.3 (iv) 79.3 (v) 80.3

14. The mean and median of a uni-modal grouped data are 35 and 24 respectively. Find the mode of the data.

- (i) 57 (ii) 59 (iii) 58 (iv) 56 (v) 55

15. Empirical relation between Mean, Median and Mode is

- (i) $\text{Mode} = 2\text{Median} - 3\text{Mean}$ (ii) $\text{Mode} = 3\text{Median} + 2\text{Mean}$ (iii) $\text{Mode} = 3\text{Median} - 2\text{Mean}$

- (iv) $\text{Mode} = 3\text{Median} - 3\text{Mean}$

Assignment Key

1) (i)	2) (iii)	3) (v)	4) (ii)	5) (i)	6) (v)
7) (i)	8) (ii)	9) (i)	10) (ii)	11) (iv)	12) (iii)
13) (iv)	14) (i)	15) (iii)			