Name: Median of Frequency Distribution

Chapter: Statistics

Grade: CBSE Grade IX

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Heights of 15 students are given below. Find the median.

| 1. | Height (in cm) | 136 | 145 | 149 | 153 | 159 | 164 | 174 |
|----|-----------------|-----|-----|-----|-----|-----|-----|-----|
| | No. of students | 2 | 2 | 1 | 3 | 4 | 2 | 1 |

(i) 154cm (ii) 153cm (iii) 152cm (iv) 151cm (v) 155cm

Heights of 20 plants are given below. Find the median.

(i) 69cm (ii) 70cm (iii) 72cm (iv) 68cm (v) 71cm

Ages of 20 students are given below. Find the median.

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

Scores of 20 students are given below. Find the median.

| 4. | Score | 72 | 77 | 79 | 81 | 84 | 89 |
|----|-----------------|----|----|----|----|----|----|
| | No. of students | 4 | 4 | 5 | 1 | 3 | 3 |

(i) 78 (ii) 80 (iii) 81 (iv) 79 (v) 77

Rainfall of 30 days are given below. Find the median.

| 5. | Rainfall (in mm) | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|----|------------------|---|---|---|---|---|----|----|----|----|----|----|
| | No. of days | 2 | 4 | 3 | 1 | 4 | 3 | 4 | 3 | 3 | 2 | 1 |

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

Temperatures of 20 days are given below. Find the median.

| 6. | Temperature (in degree C) | 26 | 27 | 29 | 30 | 31 | 32 | 34 | 35 |
|----|---------------------------|----|----|----|----|----|----|----|----|
| | No. of days | 2 | 3 | 4 | 3 | 1 | 1 | 1 | 5 |

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

Weights of 20 students are given below. Find the median.

(i) 45 kg (ii) 44 kg (iii) 47 kg (iv) 46 kg (v) 43 kg

Wages of 15 labourers are given below. Find the median.

(i) ₹451.00 (ii) ₹450.00 (iii) ₹447.00 (iv) ₹449.00 (v) ₹448.00

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

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