

**ATOMIC ENERGY EDUCATION SOCIETY  
WORKSHEET-1**

**CLASS: VIII**

**SUBJECT : MATHEMATICS**

**UNIT 5 – DATA HANDLING**

**MODULE - 2/5**

**A. CHOOSE THE CORRECT ANSWER:**

1. The size of the class 40-50 is :

- |        |         |
|--------|---------|
| I. 40  | III. 50 |
| II. 45 | IV. 10  |

2. The class mark of the class 40-50 is

- |         |         |
|---------|---------|
| I. 42.5 | III. 50 |
| II. 45  | IV. 5   |

3. The upper limit of the class 60-70 is

- |        |         |
|--------|---------|
| I. 60  | III. 65 |
| II. 70 | IV. 10  |

**B. DO AS DIRECTED**

4. A group of students were asked to say which animal they would like most to have as a pet. The result are given below.

dog, cat, cat, fish, cat, rabbit, dog, cat, rabbit,  
dog, cat, dog, dog, dog, cat, cow, fish, rabbit, dog,  
cat, dog, cat, cat, dog, rabbit, cat, fish, dog.

Make a frequency distribution table for the same.

5. Construct a frequency distribution table for the data on weights (in kg) of 20 students of a class using intervals 30-35, 35-40 and so on.

40, 38, 33, 48, 60, 53, 31, 46, 34, 36, 49, 41, 55, 49, 65, 42, 44, 47, 38, 39

6. In the class interval 5-10, find the

(i) lower limit (ii) upper limit (iii) class mark (iv) class size

7. A group of 20 students recorded their heights (in cm). The data received were as given below. What is the range?

150, 120, 712, 760, 155, 151, 758, 142, 148, 149,  
161, 165, 140, 157, 156, 146, 148, 153, 138, 135

8. Exercise 5.1 , question 2

9. Exercise 5.1 , question 3

10. Study the following frequency distribution table and answer the questions given below. The Frequency Distribution of Daily Income of 550 workers of a factory is

Class Interval	Frequency
100-125	45
125-150	26
150-175	55
175-200	125
200-225	140
225-250	65
250-275	35
275-300	50
300-325	20
Total	660

- (j) What is the size of the class intervals?
- (ii) Which class has the highest frequency?
- (iii) Which class has the lowest frequency?
- (iv) What is the upper limit of the class-interval 250-275?
- (v) Which two classes have the same frequency?

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