Assignment 3

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I. PROBLEM-CBSE-9TH Q)EXAMPLE-2

Q)Consider the marks obtained(out of 100 marks) by 30 students of Class IX of a school:

10	20	36	92	95	40	50	56	60	70
92	88	80	70	72	70	36	40	36	40
92	40	50	50	56	60	70	60	60	88

TABLE I

construct the frequency distribution table.

II. SOLUTION

The number of students who have obtained a certain number of marks is called the *frequency* of those marks. For instance, 4 students got 70 marks. So the frequency of 70 marks is 4. To make the data more easily understandable, we write it in a table, as given:

Marks	Number of students (i.e.,the frequency)
10	1
20	1
36	3
40	4
50	3
56	2
60	4
70	4
72	1
80	1
88	2
92	3
95	1
Total	30

TABLE II

Table II is called an ungrouped frequency distribution table or simply a frequency distribution table. Note that you can use also tally marks in preparing these tables.