

Assignment IV (CBSE Class 9 Probability)

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Example 7: The percentage of marks obtained by a student in the monthly unit tests are given below:
Based on this data find the probability that the student gets more than 70% marks in a unit test.

Unit test	<i>I</i>	<i>II</i>	<i>III</i>	<i>IV</i>	<i>V</i>
Percentage of marks obtained	69	71	73	68	74

TABLE I

Solution:

Total number of unit tests conducted is 5.

From the table we can see that the student obtained more than 70% marks in 3 unit tests.

$$\therefore \text{Pr}(\text{scoring greater than 70\%}) = \frac{3}{5} = 0.6$$