

Mid-Term Test – II
B.Tech. SEMESTER – VI, 2023-24
Branch: AI 3rd year

Subject Code: AI-601 Time: 1 Hrs.	Subject Title: Essentials of Machine Learning Full Marks: 20
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SECTION A

- Define true error and sample error.
- List the type of error in machine learning?
- What is accuracy in machine learning.
- Define prediction.
- Explain decision trees.

Attempt any THREE questions of the following. Each question carries 5 marks. (5 x 3=15)

6. Explain role of cross validation?
7. Explain geometry of support vector machine.
8. What is Naïve Bayes algorithm.
9. Explain kernel methods which are suitable for perceptions.