SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY

UGC – Autonomous Institution

III B. Tech II Semester II MID Examinations, MAY -2025

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

MECHANICL ENGINEERING

Time : 90 Mins   Max. Marks:30   Date:01.05.2025

S.No	Note: Answer All Questions	Marks	LEVEL	CO	PO
1.	**Explain the Naïve Bayes Classifier with an example. How does it assume feature independence?**	10	K 2	CO 3	PO 2, PO 1
2.	**What is the purpose of the kernel trick in machine learning?**	10	K 1	CO 4	PO 2,PO3
3.	**List the key applications of Machine Learning in real-world industries.**	10	K 2	CO 3	PO 3, PO 1