SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY

UGC – Autonomous Institution

III B. Tech II Semester I MID Examinations, FEBRUARY -2025

DEEP LEARNING

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Time : 90 Mins   Max. Marks:30   Date:24.02.2025

S.No	Note: Answer All Questions	Marks	LEVEL	CO	PO
1.	**a)** Define Artificial Intelligence (AI) and explain its major types.(5M) **b)** What are the key differences between Machine Learning, Deep Learning, and AI? (5M)	10	K 1	CO 1	PO 2, PO 1
2.	Explain the key differences between biological vision and machine vision.	10	K 1	CO 2	PO 2,PO3
3.	Compare and contrast **Keras, TensorFlow, Theano, and CNTK** in terms of usability and performance	10	K 1	CO 3	PO 3, PO 1