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SNS College of Technology, Coimbatore-35.
(Autonomous)

B.E/B.Tech- Internal Assessment -I
Academic Year 2022-2023 (Odd)

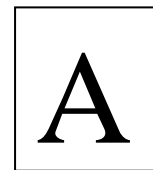
Seventh Semester

Electrical and Electronics Engineering

19EET401- AI TECHNIQUES IN ELECTRICAL ENGINEERING

Time: 1 ½ Hours

Maximum Marks: 50



Answer All Questions

PART - A (5x 2 = 10 Marks)

1.	Define Artificial Intelligence.	CO1	REM
2.	List the applications of Artificial Intelligence	CO1	REM
3.	How the Communication are done in AI.	CO1	UND
4.	Identify the Growth of AI	CO1	APP
5.	Recall the concept of Artificial Neural Network	CO2	REM

PART - B (13 x 2 = 26 Marks)

6.	(a) Explain the history of Artificial Intelligence	13	CO1	UND
	(OR)			
6.	(b) Extend the Role of IS in modern world.	13	CO1	UND
7.	(a) Identify the applications of AI for Industry.	13	CO1	APP
	(OR)			
7.	(b) Make use of Neural network models how the problem solving skills achieved.	13	CO2	APP

PART – C (14x1= 14 Marks)

8.	(a) Explain the recent trends in Applied AI	14	CO1	UND
	(OR)			
8.	(b) Compare the Human machine and intelligence in industry applications	14	CO2	UND

Abbreviations:- **REM**-Remembering, **UND**-Understanding, **APP**-Applying, **ANA**-Analyzing, **EVA**-Evaluating, **CRE**-Creating

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Electrical and Electronics Engineering

19EET401- AI TECHNIQUES IN ELECTRICAL ENGINEERING

Time: 1 ½ Hours

Maximum Marks: 50

B

Answer All Questions

PART - A (5x 2 = 10 Marks)

1.	Define Artificial Intelligence.	CO1	REM
2.	List the Programming Methods for Artificial Intelligence	CO1	REM
3.	How the Learning process in AI.	CO1	UND
4.	List the Techniques used in AI	CO1	REM
5.	Recall the concept of Artificial Neural Network	CO2	REM

PART - B (13 x 2 = 26 Marks)

6.	(a) Explain the recent trends in Applied AI	13	CO1	UND
	(OR)			
6.	(b) Extend the applications of AI to the modern world.	13	CO1	UND
7.	(a) Identify the Intelligent Systems used in modern industry.	13	CO1	APP
	(OR)			
7.	(b) Make use of Neural network models for problem solving.	13	CO2	APP

PART - C (14x1= 14 Marks)

8.	(a) Explain the Comparisons with conventional programs for AI Fundamentals	14	CO1	UND
	(OR)			
8.	(b) Build the architecture of Artificial Neural Network and Explain in details.	14	CO2	UND

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