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NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA

(An Autonomous Institute)

Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh, Lucknow

M.Tech (Int.)

FIRST YEAR (SEMESTER-II) THEORY EXAMINATION (2020-2021)

(Objective Type)

Subject Code: AMTAI0212
Subject: Neural Network
General Instructions:
All questions are compulsory.
Question No- 1 to 5 are objective type question carrying 2 marks each.
Question No- 6 to 20 are also objective type/Glossary based question carrying 2 marks each.

Max. Mks. : 40
Time : 70 Minutes

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Type	Difficulty	Correct	Option1	Option2	Option3	Option4
1	What is API?		Single Choice Questions	Single Choice Questions	2	Single Choice	Genius	Application Programming Interface	A programming interface	After programming interface	Application Programming Interface	none of these
2	Which of the following is/are Limitations of deep learning?		Single Choice Questions	Single Choice Questions	2	Single Choice	Smart	Both Data labeling AND Obtain huge training datasets	Data labeling	Obtain huge training datasets	Both Data labeling AND Obtain huge training datasets	None of the above
3	Which neural network is useful for machine translation and NLP?		Single Choice Questions	Single Choice Questions	2	Single Choice	Brilliant	Recurrence neural Network (RNN)	Convolutional neural Network (CNN)	Multi perceptron	Recurrence neural Network (RNN)	none of these
4	Number of Output Cases depends on what factor?		Single Choice Questions	Single Choice Questions	2	Single Choice	Brilliant	Total number of classes	number of inputs	number of distinct classes	Total number of classes	None of the mentioned
5	What do you mean by pipelining?		Single Choice Questions	Single Choice Questions	2	Single Choice	Brilliant	whole work divide in small segments and then execute in parallel manner	Whole work doing at a time	whole work divide in small segments and then execute in parallel manner	copying a work from another processor	none of these
6	Positive sign of weight indicates		Glossary I	Glossary I	2	Single Choice	Smart	Exhibitory input	Exhibitory input	Inhibitory input	Activation dynamics is referred as	
7	Negative sign of weight indicates		Glossary I	Glossary I	2	Single Choice	Brilliant	Inhibitory input	Exhibitory input	Inhibitory input	Activation dynamics is referred as	
8	short term memory		Glossary I	Glossary I	2	Single Choice	Genius	Activation dynamics is referred as	Exhibitory input	Inhibitory input	Activation dynamics is referred as	
9	Training occur perfectly but test not happen as like training		Glossary II	Glossary II	2	Single Choice	Smart	Overfitting	Overfitting	underfitting	perfectly fitting	
10	Training occur not perfectly		Glossary II	Glossary II	2	Single Choice	Smart	underfitting	Overfitting	underfitting	perfectly fitting	
11	Both training and testing occur perfectly		Glossary II	Glossary II	2	Single Choice	Genius	perfectly fitting	Overfitting	underfitting	perfectly fitting	
12	fibers of nerves		Glossary III	Glossary III	2	Single Choice	Smart	Dendrites	Dendrites	neuron	shape of dendrites	
13	The fundamental unit of network		Glossary III	Glossary III	2	Single Choice	Brilliant	neuron	Dendrites	neuron	shape of dendrites	
14	Tree structure		Glossary III	Glossary III	2	Single Choice	Brilliant	shape of dendrites	Dendrites	neuron	shape of dendrites	
15	0 to 1		Glossary IV	Glossary IV	2	Single Choice	Smart	binary	binary	bipolar	relu	
16	-1 to 1		Glossary IV	Glossary IV	2	Single Choice	Brilliant	bipolar	binary	bipolar	relu	

Q.No	Question Content	Question Image	Category	Sub Category	Marks	Type	Difficulty	Correct	Option1	Option2	Option3	Option4
17	can not fixed		Glossary IV	Glossary IV	2	Single Choice	Genius	relu	binary	bipolar	relu	
18	Image processing		Glossary V	Glossary V	2	Single Choice	Smart	CNN	CNN	RNN	ANN	
19	machine translation		Glossary V	Glossary V	2	Single Choice	Brilliant	RNN	CNN	RNN	ANN	
20	Regular classification and prediction		Glossary V	Glossary V	2	Single Choice	Genius	ANN	CNN	RNN	ANN	