Sardar Vallabhbhai Patel Institute of Engineering and Technology
Computer Engineering Department
B.Tech (CSE) Semester-VIII
Deep Learning (CS436)
Quiz-1

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Q1.	Suppose we want to design a MuCulloch & Pitts Neuron Model for AND gate. What will be the Threshold value of it? a) 1 b) 2 c) -1 d) 0	
Q2.	Consider the Following statements for neural network models: 1) MuCulloch & Pitts Neuron Model doesn't consider bias. 2) Rosenblatt's Perceptron consider bias into consideration. Choose the correct option among the following: a) 1 & 2 are correct b) Only 1 is correct c) Only 2 is correct d) 1 & 2 are false	
Q3.	Consider the following statement: In deep learning, All Activation functions are squashing functions. State True or False a) True b) False	
Q4.	ELU activation function has which of the following issue/s? a) Vanishing Gradient Problem b) Exploding Gradient Problem c) Both of the above d) None of the above	
Q5.	Learning which is instrument oriented is known as _____. a) Operant Conditioning b) Classical Conditioning c) Observational Learning d) None of the above	
Q6.	Which of the following is well suited for perceptual tasks? a) Feed-forward neural networks b) Recurrent neural networks c) Convolutional neural networks d) Reinforcement Learning	

Q7.	CNN is mostly used when there is an? **a)** structured data **b)** unstructured data **c)** Both A and B **d)** None of the above
Q8.	The input image has been converted into a matrix of size 28 X 28 and a kernel/f of size 7 X 7 with a stride of 1. What will be the size of the convoluted matrix? **a)** 20x20 **b)** 21x21 **c)** 22x22 **d)** 25x25
Q9.	RNNs stands for? **a)** Receives neural networks **b)** Report neural networks **c)** Recording neural networks **d)** Recurrent neural networks
Q10.	Which of the following statements is true when you use 1×1 convolutions in a CNN? **a)** It can help in dimensionality reduction **b)** It can be used for feature pooling. **c)** It suffers less overfitting due to small kernel size **d)** All of the above