DEEP LEARNING

ANONYMOUS QUESTION BANK

@SPPU_COMPUTER_ER

UNIT 3

1. How to apply Padding, Stride, ReLu layer in CNN.
2. What is local response normalization
3. Discuss CNN architecture overview. State How it is apply in Image Processing.
4. Explain the concept The Interleaving between Layers
5. How to train convolution network
6. Discuss fully connected network in CNN

UNIT 4

1. What do you know by unfolding a computational graph. Discuss its applications
2. Define Encoder- decoder sequence-to-sequence architecture
3. How to select hyperparameters for RNN
4. What is challenge of long-term dependencies and echo state network
5. Discuss various metrics used in RNN
6. What do you understand by Recursive Neural Network

UNIT 5

1. How to Implement deep generative model
2. How to use GAN for detection of real or fake images
3. How to implement a discriminator network
4. State Implementation Probability Concept used in GAN
5. What is Deep Belief Networks
6. What are types of GAN. Explain each

UNIT 6

1. Explain Markov Decision Process
2. What are the challenges of reinforcement learning.
3. Explain in Detail the basic framework of reinforcement learning
4. How to Construct Tic-Tac-Toe game using reinforcement learning
5. What is Q Learning and Deep Q-Networks
6. Discuss the application of reinforcement learning Self driving cars