KONGU ENGINEERING COLLEGE- ERODE-638 060

AIML & AIDS

22ALC41 – DEEP LEARNING

UNIT 2-QUESTION BANK

S.NO	Questions	Mark	Level
1	What is Autoencoder	2	K1
2	Differentiate DL architecture and Autoencoder	2	K2
3	Define undercomplete autoencoder	2	K1
4	Mention the features of autoencoder	2	K1
5	Define Dimensionality Reduction	2	K1
6	List the type of autoencoder	2	K1
7	Explain vanilla autoencoder and its loss function with neat sketch	10	K2
8	Mention the parts of autoencoder	2	K2
9.	Explain Multilayer autoencoder	4	K2
10	Explain stacked autoencoder used for classification with neat sketch	10	K2
11	What is deep autoencoder	2	K1
12	What is Denoising autoencoder? Explain denoising autoencoder in overcomplete autoencoder.	10	K2
13	Identify and explain the autoencoder that solve the problem of overfitting	2	K2
14	How are the weights updated in stacked autoencoder?	2	K2
15	When does autoencoder learn the identity function?	2	K2
16	Illustrate convolutional autoencoder	4	K2
17	Explain Sparse Autoencoder with a neat sketch.	8	K2
18	Illustrate Regularized autoencoder and L2 regularization.	4	K2
19	Explain Variational Autoencoder with a neat sketch.	10	K2
20	Illustrate Contractive autoencoder and show its regularization parameter	8	K2