

UNIT 4 (ML)

- Q① What is Dimensionality reduction
Explain the significance of dimensionality reduction
- Q② What is PCA what does a PCA do
and list down the steps of a PCA
Algorithm
- Q③ Explain some basic concepts and
terms related with Genetic Algorithm
- Q④ What is the difference between
mutation and cross over.
- Q⑤ What is Genetic programming
Explain
- Q⑥ provide an intuitive explanation of
what is a policy in Reinforcement
learning.
- Q⑦ What is Markov Decision process
- Q⑧ What is the difference between
off policy and on-policy learning
- Q⑨ How does the monte carlo prediction
method compute the value function

- Q(10) What's the difference between Learning and Policy Gradients method.
- Q(11) What are the advantages and Disadvantages of Dimensionality reduction
- Q(12) How can you evaluate the performance of a dimensionality reduction algorithm on your dataset
- Q(13) What are the some disadvantages of Genetic Algorithm
- Q(14) Name some approaches to solve a problem in Reinforcement Learning and write in brief any one
- Q(15) What is the difference between a Reward and a Value for a given state.