Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. What is more practical and easy to implement eligibility trace with forward or backward view? Explain one of them with diagram.   [2+5]

Q2.Explain planning method for sum for 2 dice?   [3]

Q3. Write the pseudocode of Random-sample one-step tabular Q-planning.   [3]

Q4. Why we require function approximation for state value? Explain linear method to implement it.   [2+5]

Q5. How Watkins method performs reinforcement learning for computing TD control.   [3]

Q6. Write down structure of temporal difference learning with an example.   [4]

Q7. How can you generate Montecarlo and Markov chain with TD.   [4]

Q8.Write down structure or implementation of Function approximation method.   [4]