**Assignment No. 2**

**Subject: Artificial Intelligence**

**Class: TY core/ TY NS**

Q.1 Discuss different components of partial order plan. Demonstrate is using suitable example.

Q.2 Unification algorithm is a step before resolution process in knowledge inference. Justify with example

Q.3 Solve spare tire problem using planning.

Q.4 Construct decision tree for buying tickets.

Q.5 Explain different techniques of knowledge representation.