B.Tech. (Sixth Semester, New AICTE) Internal Lab Online Examination,April-2022
(Computer Science & Engineering Branch)
Subject-Design and Analysis of Algorithm
Time Allowed:- One hour
Maximum Marks:- 10

Note: There are only short answer type questions and attempt all questions. All questions carry equal marks i.e. 2.5 marks.

Q1. What is time complexity of TSP?

Q2. What is time complexity of Strongly Connected component algorithm?

Q3. Write at least three differences between posteriori and a priori analysis of algorithm?

Q4. Write at least three differences between prim's and Bellman-Ford algorithm.