COURSE CODE: 10B11PD611

MAX. MARKS:50

COURSE NAME: Project Management

COURSE CREDITS: 3

MAX. TIME: 2 hr

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

All questions are 10 marks each.

1. How are projects and operation similar and different? Also discuss the limitations of project management.

2. Discuss with examples the non-numeric models of project selection.

3. Discuss in brief the initial project coordination phase in project planning. Also, discuss work break down structure.

4. What is Matrix organization? Where is it suitable? Also, highlight its advantages and disadvantages.

5. An automobile production line turns out about 100 cars a day, but deviations occur owing to many causes. The production is more accurately described by the probability distribution below. Finished cars are transported across the bay at the end of each day by ferry which has a space of 101 cars only. What will be the average number of cars waiting to be shipped and the average number of empty space in the ferry? Simulate for the 10 days using the given random numbers

Production per day	Probability
95	0.03
96	0.05
97	0.07
98	0.10
99	0.15
100	0.20
101	0.15
102	0.10
103	0.07
104	0.05
105	0.03

Random nos.	03	65	42	33	52	11	29	81	76	68