

Plot No. 2, Knowledge Park-III, Greater Noida (U.P.) –201306

POST GRADUATE DIPLOMA IN MANAGEMENT (2020-22)
END TERM EXAMINATION (TERM -III)

Subject Name: **Production Planning and Control**Time: **02.30 hrs**Sub. Code: **PG031**Max Marks: **40****Note:**

All questions are compulsory. Section A carries 5 marks: 5 questions of 1 marks each, Section B carries 21 marks having 3 questions (with internal choice question in each) of 7 marks each and Section C carries 14 marks one Case Study having 2 questions of 7 marks each.

SECTION - A

Attempt all questions. All questions are compulsory.

1×5 = 5 Marks**Q. 1 (A):** Explain JIT Technique**Q. 1 (B):** Explain Product line**Q. 1 (C):** Explain the term Task Precedence.**Q. 1 (D):** Define Lead time.**Q. 1 (E):** How to calculate Efficiency Line, define with the help of a formula.**SECTION – B**

All questions are compulsory (Each question has an internal choice. Attempt any one (either A or B) from the internal choice)

7 x 3 = 21 Marks**Q. 2: A.** Explain the different Steps involved in making Master Production Schedule.**Or****Q. 2: B.** With the help of a diagram, explain the Qualitative Methods of Forecasting.**Q. 3: A.** Explain in details the Inventory control Models.**Or****Q. 3: B.** Explain the Functions of Production Planning and Control.**Q. 4: A.** Explain the Modules/Models used in Advanced Planner and Optimizer (APO)**Or****Q. 4: B.** Explain the different Forecasting steps used in APO**SECTION - C**

Read the case and answer the questions

7×02 = 14 Marks**Q. 5: Case Study: JIT in Action**

A new phenomenon called ‘Apparel on Demand’ is slowly making its presence felt. It is an extension of JIT linking retailers and manufacturers for a just-in-time responsiveness. NaaR Clothing Inc., promoted by a young management graduate has recently ventured into the business of making reasonably priced custom jeans for women. It has partnered with many stores selling women garments. In the stores, women are electronically measured and information like colour, fabric, style, etc., are recorded. The information reaches the NaaR manufacturing facility at

Ahmedabad almost immediately through a state-of-the-art information system. NaaR guarantees delivery of the custom jeans within 10 days. With the growing acceptance of jeans among the women in India, especially in the urban areas, the market for women's jeans is growing at a fast pace. NaaR with its unique business model hopes to garner a significant share of this market. The promoter of NaaR along with her top executives is confident that their concept of JIT jeans would work.

Question

Q. 5: (A). Q1. Do you think NaaR's strategy would work? Why or why not? What is the importance of retailers in its business strategy?

Q. 5: (B). Will customers wait for 10 days to have the jeans delivered? What can NaaR do to compete on customer service if delivery takes this much time?

Mapping of Questions with Course Learning Outcome

Question Number	COs	Marks Allocated
Q. 1:	CO4	5 marks
Q. 2:	CO3	7 marks
Q. 3:	CO1	7 marks
Q. 4:	CO5	7 marks
Q. 5:	CO2	14 marks

Note: Font: Times New Roman, Font size: 12.