



Roll No.....

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

**POST GRADUATE DIPLOMA IN MANAGEMENT (2022-24)
END TERM EXAMINATION (TERM -III)**

Subject Name: **Production, Planning and Control**
Sub. Code: **PGO31**

Time: **02.00 hrs**
Max Marks: **40**

Note:

All questions are compulsory. Section A carries 5 marks: 5 questions of 1 mark 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.

Kindly write the all the course outcomes as per your TLEP in the box given below:

- CO1-** To Understand theoretical and basic elements of production planning and control. Recognize practices of production planning systems to meet the customers and stakeholders expectations.
- CO2-** Apply theoretical knowledge in the key decision making areas like aggregate planning, master production scheduling, Inventory and capacity planning, project management for effectiveness in operation management
- CO3-** Develop ability to assess and solve production planning related problems effectively and efficiently
- CO4-** Analyze the production planning with mathematical models and IT tools for improving overall business performance

<u>SECTION - A</u>		
Attempt all questions. All questions are compulsory.		1×5 = 5 Marks
Questions	CO	Bloom's Level
Q. 1: (A). What are the five steps in production planning and control process? Q. 1: (B). What are the 3 phases of PPC? Q. 1: (C). What are different types of production? Q. 1: (D). Explain various types of forecasting Q. 1: (E). Explain the functions of master production schedule	CO 1	L1 L2
<u>SECTION – B</u>		
All questions are compulsory (Each question have an internal choice. Attempt any one (either A or B) from the internal choice)		7 x 3 = 21 Marks
Questions	CO	Bloom's Level

<p>Q. 5: Case Study:</p> <p>ABC Ltd. is the country's largest manufacturer of spun yarn with well-established market. ABC Ltd. has good reputation for quality and service. Their marketing department identified that the potential for global market is expanding rapidly and hence the company undertook exercise for expansion of the capacity for export market. The company formed team of Marketing and Materials department to study the global logistics possibilities. After extensive study, the team came up with a report on global logistics and submitted that global logistics is essentially same as domestic. The company had very economical and reliable transportation system in existence. For exports as well they decided to evaluate capabilities of their existing transporter and entrusted them with the job of transport till port. For customs formalities they engaged a good CHA after proper cost evaluation and entered into contract for freight with shipping company agent. The response for company's export was very good and the company could get as many as 15 customers within first two months and reached to a level of USD 250,000 per month by the end of first half of the year. Based on this response the export volumes were expected to grow to a level of USD 400,000 per month by the end of the year. When the review was made at the end of the year, company found that export volumes had in fact come down to the level of USD 120,000 which was much lower than it had reached in the first half of the year. The managing committee had an emergency meeting to discuss this and the export manager was entrusted with the task of identifying the reasons for this decline. Mr. Ganesh decided to visit the customers for getting the first hand information. When he discussed the matter with the customers, the feedback on the quality and price were good but the customers were very upset on the logistic services due to delayed shipments, frequent changes in shipping schedules, improper documentation, improper identifications, package sizes, losses due to transit damages etc. After coming back, the export manager checked the dispatch schedules and found that production and ex-works schedules were all proper. Then he studied the logistics systems and found that the logistics cost was very high and all the logistics people were de motivated due to overwork and were complaining of total lack of co-ordination and the system had become totally disorganised.</p> <p>Questions:</p> <p>Q. 5: (A). Explain the problems experienced by ABC Ltd. What is the main cause of these problems?</p> <p>Q. 5: (B). What logistics model should the company go for to ensure proper operations of the company?</p>	CO2	L5 L6
---	-----	-------

Kindly fill the total marks allocated to each CO's in the table below:

COs	Marks Allocated
CO1	5 Marks (Example)
CO2	14 Marks
CO2	7 Marks
CO3	7 Marks
CO4	7 Marks

(Please ensure the conformity of the CO wise marks allocation as per your TLEP.)

Blooms Taxonomy Levels given below for your ready reference:

L1= Remembering

L2= Understanding

L3= Apply

L4= Analyze

L5= Evaluate

L6= Create