

PRAGATI ENGINEERING COLLEGE: SURAMPALEM
(AUTONOMOUS)
IV B.Tech II Semester Supplementary Examinations, May -2024

PRODUCTION PLANNING AND CONTROL
(ME)

Time: 3 hours

Max. Marks: 60

Question Paper Consists of **Part-A** and **Part-B**
 Answer **ALL** questions from **Part-A**,
 Answer any **FOUR** Questions from **Part-B**

PART-A					
[6x2=12M]					
Q.No.		Question	BTL	CO	Marks
1.	a)	Write any two objectives of PPC.	K1	CO1	[2M]
	b)	Write any two advantages of forecasting.	K1	CO2	[2M]
	c)	Write any two types of inventory costs.	K1	CO3	[2M]
	d)	What is the difference between routing and loading?	K1	CO4	[2M]
	e)	Name any two standard scheduling methods.	K1	CO5	[2M]
	f)	Write any two applications of computer in PPC.	K1	CO6	[2M]
PART-B					
[4x12=48M]					
2.	a)	Explain the functions of Production planning and control.	K2	CO1	[6M]
	b)	Differentiate between mass production and job production.	K3	CO1	[6M]
3.	a)	Explain the principles of forecasting.	K2	CO2	[6M]
	b)	Explain the Delphi method. How this method is different from market survey method?	K3	CO2	[6M]
4.	a)	Compare ABC analysis and VED analysis for inventory control.	K2	CO3	[6M]
	b)	Explain importance of MRP-I in inventory management	K2	CO3	[6M]
5.	a)	Explain the important steps of Routing producer.	K1	CO4	[6M]
	b)	Explain the importance of bill of materials.	K2	CO4	[6M]
6.	a)	Compare chase strategy vs level strategy.	K2	CO5	[6M]
	b)	What is aggregate planning. Explain the inputs and outputs of aggregate planning.	K2	CO5	[6M]
7.	a)	Compare Centralized and Decentralized Dispatching.	K2	CO6	[6M]
	b)	Explain the activities of dispatcher.	K2	CO6	[6M]