JHARKHAND Rai University
RANCHI

End Semester/Reappear (Semester II) Examination May 2025

Programme: MBA
Course: Production & Operations Management **Full Marks: 70**
Course Code:11.551 **Time: 3 Hrs.**
Enrolment no. _____

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
	Section I			
1	**Short Answer type questions.**			4 x 5 = 20
a	State the objectives of a good plant layout.	CO1	Remember	
	or			
	Explain "Job Shop Production System" and list out its characteristics.	CO1	Remember	
b	Explain what do you understand by "Materials Management". Discuss the importance of Materials Management.	CO2	Understand	
	or			
	Explain what you understand by "Continuous Review System" and "Periodic Review System" for the inventories.	CO2	Understand	
c	Explain what do you understand by "Line Balancing in a Layout".	CO3	Understand	
	or			
	State the points to be considered while taking decision on the Capacity Planning.	CO3	Remember	
d	Explain what do you mean by Stake Holders. Explain what do you understand by Direct and Indirect Stakeholders.	CO4	Understand	
	or			
	Explain Communication planning and its is importance in a project.	CO4	Understand	
	Section II			
	Long Answer type questions.			**3 x 10 = 30**
2	Illustrate the System Concept of Production/Operations fuction of an organization.	CO1	Apply	
	or			
	Explain what is meant by Scheduling. Discuss the factors that effect scheduling.	CO1	Understand	
3	Explain what do you mean by Selective Control of Inventories. Appraise ABC Analysis Method, VED Analysis Method, FSN Analysis Method and HML Analysis Method of Inventory Control.	CO2	Analyze	
	or			
	a. Appraise the advantages and disadvantages of Codification.	CO2	Analyze	
	b. "Standardization helps in reducing the prices of materials". Judge the statement.	CO2	Evaluate	
4	Explain what do you understand by Aggregate Production Planning. Discuss the Pure Strategies that can be followed for meeting/smoothing the fluctuations in the demand.	CO3	Understand	
	or			
	a. List out the different types of Survey Methods for Demand Forecasting. Explain in brief the Delphi Technique of Forecasting.	CO3	Understand	
	b. Explain what do you mean by Statistical Method of Forecasting. Compare the "Moving Average Method" with the "Weighted Moving Average Method".			
	Section III			
	Application based questions			**1 x 20 = 20**
5	a. Appraise about the points that are essentials of a valid Contract.	CO4	Apply	
	b. "Mitigating resource risk is all about being prepared in advance", Recommend some of the ways by which you feel you can mitigate the resource risk.	CO4	Evaluate	
	or			
	a. Appraise on the skills required of a Project Manager.	CO4	Analyze	
	b. As a Project Manager recommend the steps that should be taken at the time of Project Closure.			

COURSE OUTCOME

CO1 Apply the concept of Production & Operations management in manufacturing and service sector and will be able to plan and implement production and service related decisions.
CO2 Plan production schedules and plan resources (material and machine) required for production.
CO3 Apply the concepts of purchase, stores and inventory management and analyse and evaluate material requirement decisions.
CO4 Measure performance related to productivity and will be able to conduct basic industrial engineering study on men and machines.