

Q-1	A) Explain the strategic importance of the Operations Management (OM) function. Discuss the systems approach to OM with examples.	14
Q-2	A) Compare and contrast product design and process selection for manufacturing and services. Explain the role of facility location and layout in operational efficiency. <u>OR</u> B) Describe vendor selection and performance monitoring. How does Lean Manufacturing, with practices like 5S and Kaizen, enhance operations?	14
Q-3	A) Outline the hierarchical approach to inventory planning and discuss methods for inventory management under uncertain demand. <u>OR</u> B) Explain forecasting methods used in inventory management for independent and dependent demand systems.	14
Q-4	A) Discuss the various methods of operations scheduling and their application in managing large projects. <u>OR</u> B) Define Operational Excellence and explain how it improves project management outcomes.	14
Q-5	A) Discuss the challenges in managing queues in both manufacturing and service settings. Highlight the role of supply chain management in addressing these issues.	14