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**MWR-002**

**POST GRADUATE CERTIFICATE IN  
INVENTORY PLANNING AND  
WAREHOUSING SYSTEM FOR  
ENGINEERS (PGC/PWS)**

**Term-End Examination**

**June, 2024**

**MWR-002 : ADVANCED INVENTORY  
PLANNING AND CONTROL**

*Time : 3 Hours*

*Maximum Marks : 70*

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**Note :** Answer any **Seven (7)** questions. All questions carry equal marks. Use of calculator is allowed.

1. Enumerate the common issues and challenges in materials management. 10
2. State the objectives of material Requirement Planning (MRP). What are the functions of MRP ? Explain. 10

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3. What are drop shipping and cross docking ? Discuss how these can be used in framing inventory policy. 10
4. List out various scheduling policies. Explain any two in detail. 10
5. Explain the characteristics of Just-In-Time (JIT) inventory management. 10
6. What are objectives of Supply Chain Management ? Explain the inbound and outbound perspectives of supply chain. 10
7. Why last mile delivery is important in outbound logistics ? State the benefits of outbound logistics management. 10
8. Enumerate different types of values in customer perception. Explain in detail with an example to each. 10
9. Write a detailed note on the concept of 5-S Kaizen. How is it applied in inventory management ? 10
10. What is Kanban inventory management system ? Explain in detail. 10

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