

**P. G. CERTIFICATE IN INVENTORY
PLANNING AND WAREHOUSING
SYSTEMS FOR ENGINEERS
(PGCIPWS)**

Term-End Examination

June, 2025

MWR-003 : WAREHOUSING SYSTEM

Time : 3 Hours

Maximum Marks : 70

Note : Answer any **seven** questions. All questions carry equal marks. Assume missing data suitably.

1. (a) What is Warehousing ? Why is warehousing important in industry ? 5
(b) Explain Warehouse Management process with a block diagram. 5
2. (a) What is stores ledger ? Explain with suitable examples. 5
(b) What are the skills required to become a successful warehouse manager ? 5

3. (a) Why is plant layout important while designing workplace ? Explain briefly. 5
- (b) What are the most commonly used subjective techniques while planning for a facility location ? Explain them briefly. 5
4. (a) What are the risk factors in warehousing ? How do you overcome those risk factors ? 5
- (b) How does warehousing cost affect the cost of the product ? List out the various warehousing costs. 5
5. (a) What is an assignment problem ? List out its application in warehousing systems. 5
- (b) How does ICT influence the warehouse efficiency ? Discuss with suitable examples. 5

6. (a) What is the importance of the warehouse safety ? Discuss the safety rules for a warehouse system. 5
- (b) What do you understand by Kanban-Kaizen integration in Inventory Management ? Explain briefly. 5
7. (a) Define IBFs and OBFs in transportation mode. Distinguish between them. 5
- (b) What are employment Contracts ? Explain its significance. 5
8. Write short notes on any **two** of the following : 5+5
- (a) JIT in Inventory Management
- (b) Safety Audit and Safety Training
- (c) Automated storage/Retrieval system (As/Rs)

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