

No. of Printed Pages : 2

MWR-003

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

Term-End Examination

June, 2023

MWR-003 : WAREHOUSING SYSTEM

Time : 3 Hours

Maximum Marks : 70

Note : *Attempt any seven questions. All questions carry equal marks.*

1. "In today's context, a warehouse is used as a switching facility rather than a long-term storage house." Justify. 10
2. (a) Describe the various factors which affect in deciding upon warehouse options ? 4
(b) Discuss the comparative advantages of public warehouse over private warehouse. 6
3. Explain various factors affecting warehouse site location. 10
4. (a) How does 'Consolidation' function differ from 'Break Bulk' function ? Explain with the help of a diagramme. 5
(b) Describe the 'Cross Docking' activity and its applicability. 5

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5. (a) Describe the material handling function in a warehousing system. 6
(b) Describe 'Automatic Storage and Retrieval System (ASRS)' and its advantages. 4
6. (a) Discuss the key performance indicators of a warehousing system. 6
(b) What are important factors which affect cost of warehousing system ? 4
7. How is warehouse layout design impacted by item turnover, space utilization, product configurations, and a product characteristics ?
10
8. Explain the warehouse record system in detail.
10
9. (a) Discuss the importance of stock verification and auditing in warehousing system. 5
(b) Discuss the 'LIFO price method' of costing of stock issued by hand. 5
10. Write short notes on any *two* of the following :
5×2=10
- (i) Role of ICT in warehousing
 - (ii) Legal issues in a warehouse system
 - (iii) Waste disposal management