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MWR–003

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

Term-End Examination

December, 2024

MWR–003 : WAREHOUSING SYSTEM

Time : 3 Hours

Maximum Marks : 70

Note : Answer any **seven** questions. All questions carry equal marks. Use of calculator is allowed.

1. Classify and briefly explain the following different types of warehousing :
 - (a) Based on the stage of material stored 5
 - (b) Based on ownership 5
2. Explain in detail the process of Warehouse Management. 10
3. What are the challenges faced by Warehouse Manager ? Discuss. 10

4. List out various records used in warehousing and explain their purpose. 10
5. Discuss the agglomerative and deglomerative factors of Weber's location theory. 10
6. Describe the procedure for locating warehouse by Median-Model. 10
7. (a) Enumerate various costs in Warehousing. 5
(b) Discuss the importance of RoI (Return on Investment) in warehousing. 5
8. In a textile showroom, four salesmen A, B, C and D are available to four counters P, Q, R and S to rearrange on racks. Each salesman can handle any counter. The service (in hours) of each counter when manned by each salesman represented as (At sales counter A, B, C, D) is given as (At P : 41, 72, 39, 52), (At Q : 22, 29, 49, 65), (At R : 27, 39, 60, 51), (At S : 45, 50, 48, 52).
How salesman should be allowed appropriately

at counters so as to minimize the service time ?

Each salesman must handle only one
counter. 10

9. List out *ten* commandments of warehousing
with reference to ergonomic considerations. 10
10. What is Warehousing Development and
Regulatory Authority (WDRA) ? What are its
functions ? 10

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