

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

Term-End Examination

June, 2026

MWR-003 : WAREHOUSING SYSTEM

Time : 3 Hours

Maximum Marks : 70

Note : (i) Answer any **seven** questions.

(ii) All questions carry equal marks.

(iii) Assume missing data suitably, if any.

(iv) Use of scientific calculator is permitted.

1. (a) Discuss the objectives of warehousing.
- (b) Explain the principles of warehousing.

5+5

2. Write the key functions of warehousing.
Describe any *one* function in detail. 10
3. (a) Discuss the importance of warehouse location study.
(b) Explain the factors to be considered for location planning. 5+5
4. M/S A1 warehouse deals in the supply of parts of mobile phones. The following table gives the cost data for two successive periods :

10

Table

Costs	Year	
	Year I (₹)	Year II (₹)
Sales	1,00,000	2,40,000
Fixed costs	20,000	40,000
Variable cost	60,000	1,20,000

Determine :

- (a) Break-even point
(b) Margin of Safety
5. Discuss warehouse cost analysis. 10

[3]

6. (a) How does application of ICT affect the warehouse efficiency ? Explain. 5
- (b) Explain Vehicle Tracking System (VTS). 5
7. (a) What is the importance of warehouse safety ? Discuss safety rules for warehouse. 5
- (b) What are the common accidents/injuries at warehouses ? 5
8. Discuss key performance indicators for warehouse. 10
9. (a) Explain the *seven* (7) warehouse wastes. 5
- (b) How does waste (Muda) elimination affect the warehouse system ? Explain. 5

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