PRESIDENCY UNIVERSITY
BENGALURU

SCHOOL OF MANAGEMENT
MID TERM EXAMINATION - NOV 2023

Semester : Semester III - 2022
Course Code : MBA3043
Course Name : Sem III - MBA3043 - Warehousing and Inventory Management
Program : MBA

Date : 6-NOV-2023
Time : 2:00PM - 3:30P
Max Marks : 50
Weightage : 25%

Instructions:
(i) Read all questions carefully and answer accordingly.
(ii) Question paper consists of 3 parts.
(iii) Scientific and non-programmable calculator are permitted.
(iv) Do not write any information on the question paper other than Roll Number.

PART A

ANSWER ALL THE QUESTIONS   (5 X 2 = 10M)

1. Cross Docking is very popular in Warehousing, what does that mean?

(CO1) [Knowledge]

2. Explain the meaning of transit storage with examples

(CO1) [Knowledge]

3. Illustrate the types of Warehouses

(CO1) [Knowledge]

4. Explain the major disadvantage of multi storied warehouse.

(CO2) [Knowledge]

5. Warehouse location decision is based on which factors?

(CO2) [Knowledge]

PART B

ANSWER ALL THE QUESTIONS   (3 X 6 = 18M)

6. Owning or Outsourcing a Warehouse. Which option you would prefer and why?

(CO1) [Comprehension]

7. Discuss the five major operations in a warehouse

(CO2) [Comprehension]

8. Determine the warehouse location by Centre of Gravity method

(CO2) [Comprehension]

Plant	X Coordinate	Y Coordinate	Supply
A	125	100	1250
B	250	75	3500
C	450	300	2750
D	200	350	2000

PART C

ANSWER THE FOLLOWING QUESTION (2 X 11 = 22M)

9. Design a warehouse layout for a medium size manufacturing company showing the entrance for receipt of material, exit for distribution and storage section along with the required facilities for a warehouse. Draw schematic diagram and briefly explain.

(CO1) [Application]

10. The following data shows the transportation cost between source and destination of various warehouses. The demand and weights for each warehouse location is also given. Determine the priority sequence for warehouse selection.

(CO2) [Application]

Site To	A	B	C	D	Demand	Weight
Site From	Xport dist/cost					
A	0	10	9	11	24	1.1
B	10	0	10	7	16	1.2
C	7	9	0	8	36	0.7
D	8	7	8	0	24	1