21BLU08/L21C09/20BLU12/L20C14
PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BBA DEGREE EXAMINATION DECEMBER 2022
(Second Semester)

Branch - **LOGISTICS**

FORECASTING AND INVENTORY MANAGEMENT

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (5 x 1 = 5)

1. Effective inventory management minimizes the investment in inventory by effectively meeting the :
    (i) Functional requirement   (ii) Customer requirement
    (iii) Process reliability   (iv) Sales forecasting of a firm

2. To achieve _____ in purchasing and transportation, goods may be purchased in larger quantities than the actual demand.
    (i) Continuation   (ii) Quality
    (iii) Cost efficiency   (iv) Potential value

3. A Company that maintains a sufficient safety margin by having extra inventory against certain situations is termed as:
    (i) Inventory   (ii) lot size
    (iii) Safety stock   (iv) Lead

4. Economic Order Quantity is that quantity at which cost of holding and carrying inventory is:
    (i) Maximum and equal   (ii) Minimum and equal
    (iii) It can be maximum or minimum depending upon case to case

    (iv) Minimum and unequal

5. Which of the following is not an inventory?
    (i) Machines   (ii) Raw material
    (iii) Finished Products   (iv) Consumable tools

SECTION - B (15 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks   (5 x 3 = 15)

6   a. Recall the benefits of forecasting.
OR
    b. Compare between demand planning and Forecasting.

7   a. What are the objectives and goals of sales and operations planning?
OR
    b. Distinguish between Inventory forecasting vs Replenishment.

8   a. Explain in detail Multi-Echelon Inventory System.
OR
    b. What is the main purpose of inventory?

9 a. How is the Economic Order Quantity model used in Inventory management?

OR

b. What are the requirements of coding ?

10 a. Recall the uses of safety stock.

OR

b. Explain in detail fixed order quantity inventory model.

SECTION -C (30 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11 a. Classify the different types of demand forecasting.

OR

b. Explain how forecasting can be done in supply chains.

12 a. What are the steps of the Sales and Operation Planning processes?

OR

b. Analyze the role of Technology Information Forecasting and Assessment Council (TIFAC).

13 a. Analyze the use of computers in inventory management.

OR

b. Summarise the emerging trends in inventory management.

14 a. Explain the different classifications of coding.

OR

b. Illustrate the cost associated with inventory management.

15 a. What are the steps to improve inventory management?

OR

b. Explain the factors influencing inventory control.

Z-Z-Z   END