21BLU08/L21C09/20BLU12/L20C14
PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BBA DEGREE EXAMINATION MAY 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. Which of the following is not true for forecasting?
   i) Forecast are rarely perfect
   ii) The underlying casual system will remain same in the future
   iii) Forecast for group of items is accurate than individual item
   iv) Short range forecasts are less accurate than long range forecasts

2. Sales and operations planning deal with_____ decision making.
   i) Strategic
   ii) Tactical
   iii) Operational
   iv) Weekly

3. ABC inventory control focuses on those:
   i) Items not readily available
   ii) Items which consume less money
   iii) Items which have more demand
   iv) Items which consume more money

4. The following costs are usually involved in inventory decisions except:
   i) Cost of ordering
   ii) Carrying cost
   iii) Cost of shortages
   iv) Machine cost

5. 'Buffer Stock' is the level of stock:
   i) Half of the actual stock
   ii) At which the ordering process should start
   iii) Minimum stock level below which actual stock should not fall
   iv) Maximum stock in inventory

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

6. (a) Compare between demand forecasting and planning.
   (OR)
   (b) Bring out the components of supply chain.

7. (a) Analyze the goals and objectives of sales and operations planning.
   (OR)
   (b) Summarize the various types of collaborate planning .

8. (a) State the uses of computers in inventory management.
   (OR)
   (b) Classify the different types of goods.

9. (a) Explain the various classifications of codes.

(OR)

(b) State the principles of codification of materials.

10. ((a) Narrate the factors influencing safety stock.

(OR)

(b) Explain in detail on fixed order quantity model.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5x6=30)

11. ((a) Classify the various types of Demand forecasting.

(OR)

(b) Elucidate the process view of supply chain.

12. (a) Discuss the role of Technology Information Forecasting and Assessment Council(TIFAC).

(OR)

(b) Enumerate the various technology forecasting methodologies.

13. ((a) Elucidate in detail on Multi-Echelon Inventory Systems.

(OR)

(b) Analyze the emerging trends in inventory management.

14. (a) Elucidate the different cost involved in EOQ.

(OR)

(b) Summarize the advantages and disadvantages of codification.

15. (a) Elucidate the various steps to improve inventory management.

(OR)

(b) Discuss the major challenges facing inventory management.

Z-Z-Z   END