

Seat No. : \_\_\_\_\_

**MA-124**

May-2022

**M.B.A., Sem.-VIII**

**Production & Operation Management**

**Time : 2 Hours]**

**[Max. Marks : 50**

**Instructions :** Attempt any **Three** questions out of **Five** questions.

**SECTION – I**

1. Read the below mention passage and answer : **14**

A company called “Bong Seasoning” is located in Surat, Gujarat, India. The company’s founders learned about food seasonings and spices by working in the family business while growing up. They operate a chain of restaurants in Bong Seasoning whose specialty is Bengali-style food, the city’s contribution to world cuisine. It uses a certain fine mix of seasonings to give it the flavour it is famous for. Bong Seasoning has done well. Demand for their food seasonings is growing steadily, and you have been hired to head up the Demand Forecaster. There is a seasonings factory downtown in an industrial area by the river, and a distribution center (Omped) at a transportation hub on the outskirts of town. They deliver products to stores in Omped and surrounding places. The company wants you to improve their existing supply chain, and then expand it to support the company’s growth. Bong Seasoning has a relatively simple supply chain composed of one factory, one warehouse distribution centre (Chandkheda), and three stores. This supply chain enables the company to sell its products in stores around the City. They wanted to keep expanding the supply chain to serve more stores farther and farther away from the original company factory and Omped. While they have started to expand their business they have faced too much product builds up at one facility and run out of storage space, or run out of product at another facility and can’t meet customer Demand. As you are the new Demand Forecaster for Bong Seasoning you have inherited a mess. You need to make improvements to the supply chain to get it to run for 30 days. You are going to encounter a few problems early on that will cause the supply chain to crash.

Read the above passage and answer :

- (A) What are the criteria on the basis of which you assess the different forecasting methods ?
- (B) Which methods (qualitative and quantitative) should you use for forecasting the demand for Bong Seasoning ? State the reason of your choice.

2. (A) In locating, Automobile Industry Plant in India, what steps would you take into consideration for selecting the plant ? Explain. 7  
 (B) What are the process symbols ? Give examples for what is the process used in outline Process chart, flow process chart, two handed process charts ? 7
3. (A) What do you understand by the term 'Production planning and Control' ? Explain briefly the objectives and elements of production control. 7  
 (B) What is Scheduling? Explain the objectives and problems of Scheduling. 7
4. (A) What is Materials Budgeting? Discuss its benefits and process of preparing Material Budgets. 7  
 (B) Define the term 'Maintenance'. Discuss the objectives and scope of Maintenance. 7
5. (A) Why automobile industry use project management ? And explain what problem they are facing in managing project and how they solve their problems. 7  
 (B) How Globalization effect operation management ? What are the main issues in operation management. 7

## SECTION – II

Attempt any **Eight** Questions out of **Ten** Questions : 8

6. (1) \_\_\_\_\_ is an implementation function which is concerned with getting the work started on the shop floors.  
 (A) Scheduling (B) Loading  
 (C) Dispatching (D) Routing
- (2) Production Control function includes \_\_\_\_\_.  
 (A) Estimating (B) Routine  
 (C) Scheduling (D) Inspection
- (3) \_\_\_\_\_ determines the requirement of all kinds of materials to meet the production needs economically.  
 (A) Material Budget (B) Material Control  
 (C) Material Planning (D) Material scheduling
- (4) \_\_\_\_\_ involves planning for quantity, determination of product- mix, routine, scheduling, material planning, process planning, capacity planning and tool planning.  
 (A) Pre - planning (B) Active planning  
 (C) Post planning (D) All

- (5) Which of the following statement is not true about the Reasons for Revision ?
- (A) Because of Expansion, Reasons for Layout Revision is necessary
  - (B) Because of Change in Environment, Reasons for Layout Revision is necessary
  - (C) Because of Technological Change, Reasons for Layout Revision is necessary
  - (D) Because of Improvement in the layout, Reasons for layout Revision is necessary
- (6) When the management of a five star hotel makes a decision to increase the number of rooms, it must also consider probable increases demand for parking lots, restaurant seating capacity example of ?
- (A) Designing flexibility into the system
  - (B) Differentiating between new and mature products or services
  - (C) Taking a “big-picture” approach to capacity changes
  - (D) Identifying the optimal operating level
- (7) What type of process would a Glass industry be most likely to use ?
- (A) Process Focus
  - (B) Repetitive Focus
  - (C) Product Focus
  - (D) None of these
- (8) What type of process would a paper mill be most likely to use ?
- (A) Job shop process
  - (B) Repetitive Process
  - (C) Continuous Process
  - (D) Project Process
- (9) \_\_\_\_\_ is function of maintaining constantly availability of all kinds of materials required for the manufacture of products.
- (A) Material Budget
  - (B) Material Control
  - (C) Material Planning
  - (D) Material Scheduling
- (10) Maintenance activities undertaken before the machines or equipments fail.
- (A) Break Down Maintenance
  - (B) Preventive Maintenance
  - (C) Planned Maintenance
  - (D) Routine Maintenance
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