



**Instructions: Answer any four (04) questions**

- 1) a) What are the main functions interconnected in an organization. Explain how these functions are interconnected.  
b) Briefly explain how production Management System works. Use suitable examples and illustration for the above explanation.
- 2) Different features are applied to differentiate various kinds of production systems.
  - a) What are the common types of production system you can observe from the manufacturing organizations?
  - b) Can you suit the most appropriate production system for the following production options?
    - Sewing of dress according to personal specifications.
    - Different varieties of ice cream.
    - Pen
    - Dam construction
    - Purification of petroleum products
- 3) Different manufacturing organizations follow different operational strategies to make their production activities competitive. Explain four basic operations strategies followed by the organizations with suitable examples for each.
- 4) All the production oriented entities are trying to achieve higher productivity in their manufacturing concerns.
  - a) Briefly explain the major determinants of productivity.
  - b) In a bakery, they could produce 1000 loafs of bread each worth of 25/- per week. To get it produced, they use the following inputs with the respective quantities.
    - 100 Kg of Wheat Flour with the price of 40/- per each Kg.
    - Labor cost 2000 /-
    - Energy (Electricity, fuel) 1000/-From the above information, Calculate  
Partial productivity  
Multifactor productivity  
Total productivity
- 5) Write short notes to any four(4) topics from the followings
  - JII production
  - Open System in the production system.
  - Standardization
  - Operation strategy frame work
  - Recent trends in Operations Management

