

(P.T.O.)



- B) Give two examples of the following (Any Five) (05)
- i) Secondary pollutants.
  - ii) Types of maintenance.
  - iii) Source of dairy plant waste water.
  - iv) Solid waste of dairy plant.
  - v) Functions of management.
  - vi) CIP solution used in dairy plant.

**SECTION – 'B'**

- Q. 3 Define Production / Operations Management and explain in detail conceptual model of Production/Operations Management. (06)
- Q. 4 Enlist different sections in a dairy plant and describe different hazardous processes and equipments of a large scale dairy plant. (06)
- Q. 5 Explain in detail the losses at various sections in a dairy plant and how these losses are controlled? Mention different methods of estimation of losses in a dairy plant. (06)
- Q. 6
- a) What is the importance of manpower planning? (02)
  - b) Explain the major activities of man power planning. (02)
  - c) Write down the general safety resources to be followed in the dairy plant. (02)
- Q. 7.
- a) Enlist the various industrial legislation applicable to dairy industry. (03)
  - b) Explain briefly Prevention of Food Adulteration Act. (03)
- Q. 8
- a) Define MBO. (02)
  - b) Explain the major steps involved in MBO. (02)
  - c) What are the benefits of production planning and control? (02)
- Q. 9
- a) State the properties of detergents and sanitizers. (02)
  - b) Develop a suitable CIP system for a dairy plant. (04)

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