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SDCBB404

IV Semester B.B.A. (Regular) Degree Examination, June / July - 2026
(SEP Scheme Freshers 2024-26 Batch)
BUSINESS ADMINISTRATION
Production and Operations Management
Paper - 4.6(A)

NEW HORIZON COLLEGE LIBRARY KASTURINAGAR BANGALORE-43

Time : 3 Hours Maximum Marks : 80

Instructions:

Answers to be written in English only.

SECTION - A

Answer any Five sub-questions. Each sub-question carries 2 marks. **(5×2=10)**

1. a) Give the meaning of production management.

   b) What do you mean by plant layout?

   c) What is routing?

   d) State the meaning of quality control.

   e) What is kaizen?

   f) Write the meaning of inventory.

   g) State any two features of production management.

SECTION - B

Answer any Three questions. Each question carries 6 marks. **(3×6=18)**

2. Explain the functions of a production manager.

3. Discuss the principles of plant layout.

4. Explain the characteristics of production planning and control.

5. Explain in brief the concept of quality circles.

6. Write the importance of lean manufacturing.

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SECTION - C

Answer any Three questions. Each question carries 14 marks. (3×14=42)

7. Explain in detail about the scope and benefits of production management.

8. Discuss in detail about the various types of plant layout with suitable examples.

9. What is production planning and control? Explain its scope and objectives.

10. Explain in detail the various factors influencing inventory policies in an organization and briefly explain any two inventory management techniques.

11. Write a short note on:
    a) Green Manufacturing and
    b) Total quality management.

SECTION - D

Answer any One question. It carries 10 marks. (1×10=10)

12. a) Fresh Bake is a Bakery producing bread, cakes, biscuits, and pastries. Due to increasing demand, the owner plans to open a new production unit. He is considering two locations city A an area with high rent but close to customers and good transport, and an outskirts area with low rent but higher transportation cost and less market access. Currently, the bakery produces different items in small batches using shared machines like oven sand mixers. However, the machines are not properly arranged, causing more movement of workers, delays in production, and reduced efficiency. The owner wants to select a suitable location and improve the layout to increase productivity and reduce cost.

    Questions :

    i) What factors should the owner consider while selecting the plant location?
    ii) Which location is more suitable for the bakery? Give reasons.
    iii) Which type of plant layout is suitable? Why?

(OR)

    b) Explain the stages of Production Planning and Control.