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**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BANGALORE-27**

**BBASF – VI SEMESTER**

**SEMESTER EXAMINATION: APRIL 2023**

**(Examination conducted in May 2023)**

**BBASF6319: PRODUCTION AND OPERATIONS MANAGEMENT**

**(For current batch students only)**

Time- 2 ½ hrs Max Marks-70

**This paper contains \_\_\_\_\_printed pages and four parts**

**Section A**

**I.** Answer ***any five*** of the following (**5x2 = 10 Marks)**

1. Give the meaning of operations management.
2. Mention any 4 principles of plant layout.
3. What is dispatching?
4. Enlist the components of quality management.
5. State any 4 factors influencing productivity.
6. Highlight the importance of maintenance management.

**Section B**

**II.** Answer ***any three*** of the following (**3x5 = 15 Marks)**

1. What is continuous production? Discuss its advantages.
2. Write an analytical note on plant facilities.
3. Outline the objectives of material management.
4. Briefly explain the factors affecting production scheduling.

**Section C**

**III.** Answer ***any two*** of the following (**2x15 = 30 Marks)**

1. Explain the different types of plant layout and enumerate the suitability of layout with example.
2. “Suppliers play a critical role in helping companies succeed. In order to find the right ones, businesses need to consider a number of critical factors – Discuss.
3. Write a short note on:
4. Standard time (3 marks)
5. Method study (3 marks)
6. Time study (3 marks)
7. Motion study (3 marks)
8. ISO (3 marks)

**Section D**

**IV. Answer the following (1x15=15 Marks)**

1. Choosing the best maintenance methodology is a risk measurement. Start by looking at what you lose when equipment fails. If the cost is higher than the repair cost, then a reactive maintenance method may be ideal for your business. On the other hand, if the costs are higher in the event of a machine failure, then a proactive maintenance method might be more beneficial.

**Question:**

Based on the above statement, as an efficient production manager, discuss the advantages and disadvantages of reactive and proactive maintenance methods.