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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
& MANAGEMENT STUDIES, BHUBANESWAR**

Semester : 4th Sem. MBA

Batch : 2024-26

Subject : Mgmt. of Manufacturing System

Subject Code : MBPC4007

Date : 08.04.2026

Class Test : II

Duration : 1 Hr.

Full Marks : 30

Section-A

1. **Answer any four out of following questions.** [4 x 2 = 8]
- a) Differentiate between Push and Pull type of Production [CO1]
 - b) Outline the basic concept of Kanban [CO3]
 - c) Highlight the benefits of Flexible Manufacturing Systems [CO2]
 - d) Define CONWIP [CO1]
 - e) State the 7 kinds of waste [CO1]

Section-B

2. **Answer any two questions out of following** [2 x 6= 12]
- a) Explain the basic principles of JIT, highlighting the elements of JIT. [CO2]
 - b) Briefly elaborate the concept of “control based on theory of constraints”. [CO3]
 - c) Draw comparison between Kanban and CONWIP Systems [CO1]

Section-C

3. **Answer any one out of following questions.** [1 x 10= 10]
- a) What is the scope for FMS in manufacturing today? State the types and composition of FMS. [CO1]
 - b) Define Drum-Buffer-Rope (DBR). With a schematic diagram please explain the theory of constraints cycle along with outlining the constraints in Manufacturing System [CO2]

All the Best

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**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
& MANAGEMENT STUDIES, BHUBANESWAR**

Semester : 4th Sem. MBA
Batch : 2024-26
Subject : Sourcing Management
Subject Code : MBPC4008

Date : 07.04.2026
Class Test : II
Duration : 1 Hr.
Full Marks : 30

Section-A

1. **Answer any four out of following questions.** [4 x 2 = 8]
- a) What is risk triggering? [CO1]
 - b) What is meant by supplier score card? [CO3]
 - c) Explain the concept of Green Sourcing? Give an example. [CO3]
 - d) Give an example of single price break model in quantity discount model. [CO4]
 - e) Explain the concept of milk run in context of sourcing? [CO4]

Section-B

2. **Answer any two questions out of following** [2 x 6 = 12]
- a) "Supplier evaluation and selection are the major ingredients for cost saving and effectiveness." Explain. [CO3]
 - b) Discuss the advantages and disadvantages of foreign exchange currency in brief. [CO4]
 - c) What do you mean by Learning Curve? Explain its uses and limitations. [CO4]

Section-C

3. **Answer any one out of following questions.** [1 x 10 = 10]
- a) Why do organisations commit the resources and time to evaluate suppliers before making a supplier selection decision? [CO4]
 - b) Answer the below questions: [CO4]
 - i) Write advantages and disadvantages of E-sourcing in detail.
 - ii) What are the steps involved to analyse quantity discount model?