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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 : 11.03.2026
Special Class Test : I
Duration : 1 Hr.
Full Marks : 30**

Section- A

1. **Answer any four out of following questions.** [4 x 2 = 8]
- a) Define Manufacturing Process Planning? [CO1]
 - b) What are the components of a Manufacturing System? [CO3]
 - c) Who are known as utility workers? [CO2]
 - d) What are the benefits of Group Technology? [CO1]
 - e) State any 4 different types of Layouts [CO1]

Section-B

2. **Answer any two questions out of following** [2 x 6= 12]
- a) What are the different types of Process Maps Used? [CO2]
 - b) What are the benefits of Manufacturing Process Planning? [CO3]
 - c) State and explain the principles on which Plant Layout Planning is considered [CO1]

Section-C

3. **Answer any one out of following questions.** [1 x 10= 10]
- a) Define Manufacturing System and explain its Classification. [CO1]
 - b) How does CMS work? Explain the desirable characteristics of a group [CO2]

All the Best



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

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

Date : 10.03.2026
Special Class Test : I
Duration : 1 Hr.
Full Marks : 30

Section- A

1. **Answer any four out of following questions.** [4 x 2 = 8]
- a) Differentiate between on-shoring and offshoring? [CO1]
 - b) List any two recent trends in global sourcing. [CO1]
 - c) What is a Strategic Sourcing Plan? Mention any one key element of it. [CO1]
 - d) Write any two points on the nature of negotiation in sourcing. [CO2]
 - e) What is Request for Proposal in negotiation strategy? [CO3]

Section-B

2. **Answer any two questions out of following** [2 x 6= 12]
- a) Write advantages and disadvantage of global sourcing. [CO1]
 - b) Write a note on various criteria for evaluation of vendor's performance. [CO2]
 - c) Explain risk management in sourcing: nature & principles, risk management process, and any two tools/techniques used to manage sourcing risk. [CO2]

Section-C

3. **Answer any one out of following questions.** [1 x 10= 10]
- a) Discuss the concept of strategic sourcing and Vendor Management. Highlights some major activities typically associated with sourcing management. [CO3]
 - b) An Indian manufacturing firm is considering sourcing a critical component from an overseas supplier to reduce cost by 12%. However, the supplier is located in a region with frequent port congestion and currency volatility. [CO2]
Using Sourcing Management concepts, answer:
 - I. Perform a brief environmental & opportunity analysis (any 4 relevant factors).
 - II. Propose a global operational sourcing strategy (make/buy, single vs multiple sourcing, logistics approach).
 - III. Identify any 3 risks (including international business risks) and outline a risk management process with two tools/techniques to reduce impact.

All the Best