



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

**Semester : 9<sup>th</sup> IMBA  
Batch : 2020-25  
Subject : Sourcing Management  
Subject Code : 16IMN903D**

**Date : 05.11.2024  
Class Test : II  
Duration : 1 Hr.  
Full Marks : 30**

**PART-A**

1. Answer any four out of following questions. (4 x 2 = 8)
- a) Explain the concept of Green Sourcing? Give an example. CO3
  - b) Why do we do vendor rating in sourcing management? CO3
  - c) What is meant by supplier score card? CO3
  - d) What is EOQ? CO4
  - e) Enlist the steps involved in E-sourcing process. CO4

**PART-B**

2. Answer any two questions out of following (2 x 6= 12)
- a) Briefly explain the concept of E-Sourcing. CO4
  - b) Discuss the advantages and disadvantages of foreign exchange currency in brief. CO2
  - c) What do you mean by Learning Curve? Explain its uses and limitations. CO4
  - d) Explain the steps involved supplier evaluation and selection process. CO3

**PART-C**

3. Answer any one out of following questions. (1 x 10= 10)
- a) a. Why is it important for purchasing managers to understand legal issues? Isn't that what lawyers are for? CO3
  - b) b. What is solicitation of bid or proposal? Explain the types of solicitation. Mention the various methods of solicitation. CO4



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

**Semester : 9<sup>th</sup> IMBA  
Batch : 2020-25  
Subject : Mgmt. of Manufacturing System  
Subject Code : 16IMN902D**

**Date : 05.11.2024  
Class Test : II  
Duration : 1 Hr.  
Full Marks : 30**

**PART-A**

- 1. Answer any four out of following questions. (4 x 2 = 8)**
- a) Define Theory Of Constraints.(TOC) CO1
  - b) Define POLCA? CO1
  - c) What do you mean by Gantt chart? CO1
  - d) How cell are formed in cellular manufacturing System. CO2
  - e) Define e-Kanban system. CO1

**PART-B**

- 2. Answer any two questions out of following (2 x 6= 12)**
- a) Briefly describe the Impact of Theory of Constraint (TOC) in Manufacturing Environment. CO2
  - b) Briefly write down the function and objectives of Drum Buffer Methodology. CO3
  - c) Write down the different Scheduling Priority Rules with example. CO2

**PART-C**

- 3. Answer any one out of following questions. (1 x 10= 10)**
- a) Briefly describe Kanban System in Manufacturing Environment and differentiate between Pull & Push Kanban System. CO2
  - b) Briefly write down about Flexible manufacturing system and explain the conceptual model of FMS along with applications. CO3



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

**Semester : 9<sup>th</sup> IMBA  
Batch : 2020-25  
Subject : Sales & Operations Planning  
Subject Code : 16IMN901D**

**Date : 04.11.2024  
Class Test : II  
Duration : 1 Hr.  
Full Marks : 30**

**PART-A**

1. **Answer any four out of following questions.** (4 x 2 = 8)
- a. What is capacity planning? CO3
  - b. Define aggregate planning. CO3
  - c. What is level production strategy? CO3
  - d. Define MRP. Give one example of MRP in services. CO3
  - e. What is Master production scheduling? CO4

**PART-B**

2. **Answer any two questions out of following** (2 x 6= 12)
- a. A job shop is having the following jobs on schedule,

Job	Processing Time(hours)	Due Date
1	8	10
2	6	12
3	15	20
4	3	18
5	12	22

Find the optimal sequence by using EDD rule; also find the flow time and average lateness. CO4

- b. What is the difference between forward scheduling and backward scheduling? Explain it. CO4
- c. Explain briefly the master production scheduling (MPS). CO4

**PART-C**

3. **Answer any one out of following questions.** (1 x 10= 10)
- a. What is aggregate planning? What are the need, purpose and techniques for aggregate planning? CO3
  - b. Discuss in detail the role of ERP in operations planning and control. CO4