



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

Semester : 3rd Sem. MBA
Batch : 2024-26
Subject: Total Quality Management
Subject Code : MBPC3016

Date : 06.11.2025
Class Test : II
Duration : 1 Hr.
Full Marks : 30

Section- A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) Draw a neat Sketch of Input-output Process Model [CO1]
 - b) How are Jidoka and Just in Time connected? [CO3]
 - c) What do you mean by Zero Defects and who introduced it? [CO1]
 - d) What are the different types of Quality Costs? [CO2]
 - e) State and explain the benefits of Poka Yoke? [CO1]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Explain the difference between QMS and IMS with the help of a case illustration [CO3]
 - b) When to you use a QFD vs Benchmarking? What are the main backdraws in main criticism that gets levied against Benchmarking [CO3]
 - c) State and explain in detail the PDCA cycle with the help of a neat sketch [CO1]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Explain 7 statistical quality control tools and explain any 4 of them in detail. [CO3]
 - b) Explain the 14 Principles of Deming [CO1]

All the Best



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Semester : 3rd Sem. MBA
Batch : 2024-26
Subject: Operations Strategy
Subject Code : MBPC3015

Date : 08.11.2025
Class Test : II
Duration : 1 Hr.
Full Marks : 30

Section- A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) Define Vertical Integration Strategy. [CO1]
 - b) Write-down the objectives of Total Quality Management (TQM). [CO2]
 - c) Differentiate between Inbound and Outbound Logistic. [CO1]
 - d) What do you mean by Facility Strategy? [CO1]
 - e) Write down the Technology Strategy of Indian e-commerce Company. [CO2]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) What is Choice of Location? Discuss the factors which influence the location of operation. [CO3]
 - b) Define Six-Sigma. Briefly explain the principle of Six-Sigma. [CO2]
 - c) What do you mean by Supply chain network strategy? Explain the Supply chain network strategy of 3PL logistic company. [CO3]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Briefly explain the TQM Philosophy and its components. Explain how the TQM implementation substitute to operation strategy. [CO3]
 - b) Write Short-Notes on (any two): [CO2]
 - i. Global Sourcing
 - ii. Service Strategy
 - iii. Measures of Quality

All the Best



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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Semester : 3rd Sem. MBA

Batch : 2024-26

Subject: Supply Chain Management & Logistics

Subject Code : MBPC3013

Date : 10.11.2025

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 the importance of Green Logistics? [CO2]
 - b) What is meant by Pipeline Inventory? [CO1]
 - c) What is Cross-Docking? Why is it needed? [CO3]
 - d) What is the objective behind Lot streaming? [CO2]
 - e) What is meant by Vendor Managed Inventory? [CO2]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) A Warehouse is no more a storage place, but a place that creates a Value. Explain [CO4]
 - b) Why and how “Information” plays a crucial role in Supply Chain Management? [CO3]
 - c) Explain the role and importance of Reverse Logistics in contemporary supply chain. [CO2]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Explain Supply Chain Sustainability in lights of Value creation in business process in the long term. How does it help in alignment of supply chain to customer needs (support with examples)? [CO4]
 - b) Elaborate on the types and major functions of Warehousing? Furnish industry examples. [CO2]

All the Best



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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Semester : 3rd Sem. MBA
Batch : 2024-26
Subject: Project Management
Subject Code : MBPC3014

Date : 07.11.2025
Class Test : II
Duration : 1 Hr.
Full Marks : 30

Section- A

1. **Answer any four out of following questions.** [4 x 2 = 8]
- a) Define Risk management? [CO2]
 - b) Explain Social Cost Benefit Analysis (SCBA). [CO2]
 - c) Define “Shadow price” with an example. [CO2]
 - d) What is Project Appraisal? [CO2]
 - e) Define optimistic and pessimistic time durations in a project. [CO3]

Section-B

2. **Answer any two questions out of following** [2 x 6= 12]
- a) When should a project appraisal be conducted? Elaborate each step involved. [CO2]
 - b) Discuss different approaches to SCBA. [CO2]
 - c) Explain the difference between PERT & CPM in network analysis. [CO3]

Section-C

3. **Answer any one out of following questions.** [1 x 10= 10]
- a. A project has the following time schedule. [CO3]

Activity	1-2	1-3	1-4	2-5	3-6	3-7	4-6	5-8	6-9	7-8	8-9
Time in weeks	2	2	1	4	8	5	3	1	5	4	3

Construct the network and compute total float for each activity, critical path and duration of the project.

- b. Explain project risk analysis and the types of project risk analysis using suitable examples. [CO2]

All the Best