



**M.B.A. (Semester – III) (Regular / Repeater) (Under Distance Learning)
Examination, June 2018
PRODUCTION PLANNING & CONTROL**

Date : 14-6-2018

Time : 2.30 p.m. to 5.30 p.m.

Total Marks : 70

Instruction : Answer any five questions in all.

1. Discuss with examples symptoms of poor Production Planning and Control.
 2. What is Bullwhip Effect ? Explain the causes for Bullwhip effect and strategies to minimize the adverse impact of Bullwhip effect.
 3. Discuss requirements for successful implementation of Sales and Operation Planning (SOP).
 4. Describe the details of MRP process inputs and outputs.
 5. What are the elements of JIT ? Explain in detail its benefits in Modern Manufacturing.
 6. What is Job Production ? Explain features / characteristics of Job Shop Production with examples.
 7. Explain meaning and significance of sequencing and state its objectives. How does sequencing relate to scheduling ?
 8. Write short notes (**any 3**) on the following :
 - a) GANTT chart
 - b) Framework of a project
 - c) Criteria for food forecasting.
 - d) Net change and regeneration.
 - e) Demand planning.
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**Master of Business Administration (MBA) (Semester – III)
(Regular/Repeater) (Under Distance Learning)
Examination, June 2018
FUNDAMENTALS OF PROJECT MANAGEMENT**

Date : 13-6-2018

Time : 2.30 p.m. to 5.30 p.m.

Max. Marks : 70

Instructions : a) Answer **any 5** questions.
b) Every question carries **equal** marks.

1. What is Agile Project Management ? Explain with examples.
 2. What is risk mitigation ? How it is different compared to risk sharing ?
 3. What are the elements of project closing ? Explain with suitable examples.
 4. What is project purchase ? Explain the steps in purchasing as per Robinson Model.
 5. What is earned value management ? Explain its relevance for project control with suitable example.
 6. What is the concept of projects ? Explain characteristics of project with suitable examples.
 7. What is project scheduling ? Explain its importance.
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**M.B.A. (Semester – III) (Under Distance Learning) (Regular/Repeater)
Examination, June 2018
WORLD CLASS MANUFACTURING**

Date : 12-6-2018

Total Marks : 70

Time : 2.30 p.m. to 5.30 p.m.

Instructions : 1) Answer **any five** questions.
2) **All** questions carry **equal** marks.

1. How World Class Manufacturing concept has emerged ? What are the common features of "WCM" Organizations ?
 2. How is Business Process Re Engineering Related to Modern Manufacturing ?
 3. Explain with suitable example changing Scenario of manufacturing.
 4. Explain the term Customer Service. Explain five current Customer Service Trends which we cannot ignore.
 5. What do you understand by six sigma and compare with TQM ?
 6. What are the roles of Barcode and RFID in Modern Manufacturing ?
 7. Write short notes on **any two** :
 - a) Future of WCM
 - b) Flexible Work Force
 - c) Performance Measurement
 - d) Cycle Efficiency.
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**M.B.A. (Semester – III) (Repeater and Regular) Examination, June 2018
(Under Distance Learning)**

LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Date : 11-6-2018

Time : 2.30 p.m. to 5.30 p.m.

Max. Marks : 70

Instructions : 1) Answer *any five* questions.
2) *All* the questions carry *equal* marks.

1. Short notes (**any 3**) :
 - a) Kanban system
 - b) Aggregate planning
 - c) Role of layout in supply chain management
 - d) Fundamentals of logistics management.
 2. What is the role of inventory in supply chain management ?
 3. Explain the role of E-business in supply chain management.
 4. How material handling is related to transportation and warehousing ?
 5. Explain different fundamentals of logistics management.
 6. Explain the decision phases in supply chain management.
 7. Explain the relationship between SRM, ISCM and CRM.
 8. What are the uncertain environment factors which can affect the network design of supply chain ?
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**M.B.A. (Semester – III) (Under Distance Learning) (Regular/Repeater)
Examination, June 2018**

STATISTICS AND QUANTITATIVE TECHNIQUES

Date : 10-6-2018

Time : 2.30 p.m. to 5.30 p.m.

Total Marks: 70

- Instructions :** 1) Answer any five questions.
2) All questions carry equal marks.

1. Find the mean, mode, median for the following data :

Marks	5	10	15	20	25	30	35
No. of students	1	-3	9	17	27	36	38

2. Calculate Karl Pearson's coefficient of correlation for the following data :

Fertilizer used (Metric tons) :	15	18	20	24	30	35	40	50
Productivity (Metric tons) :	85	93	95	105	120	130	150	160

3. What do you understand by Association of Attributes and what are the different methods of studying association ?
4. Solve the LPP graphically.

$$\text{Minimize } Z = 80x_1 + 120x_2$$

$$\text{Subject to } x_1 + x_2 \leq 9$$

$$x_1 \geq 2$$

$$x_2 \geq 3$$

$$20x_1 + 50x_2 \leq 300$$

$$x_1, x_2 \geq 0$$

