



PRESIDENCY UNIVERSITY,
BENGALURU

SCHOOL OF MANAGEMENT

MID TERM EXAMINATION

Odd Semester: 2018-19

Course Code: OPS 303

Course Name: World Class Manufacturing

Branch & Sem: MBA III Sem

Date: 26 October 2018

Time: 2 Hours

Max Marks: 40

Weightage: 20%

Instructions:

(i) *All parts of the questions are compulsory*

Part A

Answer **all** the Questions. **Each** question carries **four** marks.

(3x4=12)

1. Define value added manufacturing? Briefly explain with example
2. Manufacturing Involves technology that has 2 aspects, what are they? Briefly explain each.
3. State what is Just in Time production? How does it play a part in WCM?

Part B

Answer **all** the Questions. **Each** question carries **six** marks.

(2x6=12)

4. List the 3 periods of economic evolution and explain any two evolutions.
5. What are the business challenges of information age? List and explain each with an example.

Part C

Answer the Question. Question carries **sixteen** marks.

(1x16=16)

6. What are the seven types of waste's as discussed in Hall's frame work? List and talk about the elimination of each waste and give example for each.



Roll No.																			
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**PRESIDENCY UNIVERSITY
BENGALURU**

SCHOOL OF MANAGEMENT

END TERM FINAL EXAMINATION

Odd Semester: 2018-19

Course Code: OPS 303

Course Name: World Class Manufacturing

Programme & Sem: MBA & III Sem

Date: 29 December 2018

Time: 3 Hours

Max Marks: 80

Weightage: 40%

Instructions:

(i) *All questions are compulsory*

Part A

Answer **all** the Questions. **Each** question carries **five** marks. (4Qx5M=20)

1. List and briefly explain the key features of world class manufacturing shop floor practices.
2. Write a short note on Poka Yoke and SMED.
3. Write a note on the emergence of Flexible Manufacturing System.
4. What is Bill of Materials? What's its purpose in manufacturing companies.

Part B

Answer **both** the Questions. **Each** question carries **fifteen** marks. (2Qx15M=30)

4. Illustrate with a diagram the different layouts based on Volume and Variety components
5. Solve the following matrix between Machines and Processes to get an efficient and effective Group Technology layout:

	1	2	3	4	5	6	7
A	1		1		1	1	
B		1		1			
C			1				1
D	1			1			
E	1				1		1

Part C

Answer **any one** Question. Question carries **thirty** marks. (1Qx30M=30)

6. Elaborate on the framework which was proposed by Maskell's for improving competitive advantage in manufacturing firms.
7. List and explain Dr. Edward Deming's 14 principles of Quality Management.