

**I MBA - II Semester – Regular/Supplementary Examinations  
SEPTEMBER 2021**

**PRODUCTION AND OPERATIONS MANAGEMENT**

Duration: 3 hours

Max. Marks: 60

**SECTION - A**

**1. Answer the following:**

5 x 2 = 10 M

- a) What is the objectives of Production Management? Explain.
- b) Define work study. Give examples
- c) What is acceptance sampling?
- d) Define Total productive Maintenance.
- e) What is value analysis?

**SECTION – B**

**Answer the following:**

5 x 8 = 40 M

2. a) Explain the conceptual frame work of Production Management.

OR

- b) What are the types of manufacturing processes?

3. a) What is Plant Layout? Explain the factors influencing the plant layout.

OR

- b) Explain the work design with suitable examples.

4. a) Explain about the Quality control charts.

OR

b) What is waste management? Explain how technology is used for waste management?

5. a) What are Deming's 14 principles of quality management?

OR

b) What is ISO? Explain ISO 9000 series standards.

6. a) What are the objectives of stores management?

OR

b) What is inventory? Explain ABC and VED analysis of inventory.

## SECTION-C

### 7. Case Study

1 x 10 = 10 M

Draw network diagram and find the total project time.

Activity	Predecessor	Duration (Days)
A	-	6
B	-	4
C	-	7
D	A,B,C	5
E	A,B,C	6
F	D	9
G	E	4
H	F,G	8
I	F,G	6
J	H	7