Roll No: | | | | | | | | | | | | |

MBA
(SEM III) THEORY EXAMINATION 2021-22
OPERATIONS PLANNING & CONTROL

Time: 3 Hours *Total Marks: 100*

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt *all* questions in brief. **2 x 10 = 20**

Qno.	Question	Marks	CO
a.	Define operations planning and control.	2	1
b.	Define loading.	2	1
c.	What is job production system?	2	2
d.	What do you understand by aggregate planning?	2	2
e.	Define lean manufacturing.	2	3
f.	Define MRP-I.	2	3
g.	What is system feedback?	2	4
h.	What are the advantages of two bin system?	2	4
i.	What is overproduction waste?	2	5
j.	Explain control rooms.	2	5

SECTION B

2. Attempt any *three* of the following: **10 x 3 = 30**

a.	Enumerate roles and responsibilities of PPC manager.	10	1
b.	What is routing procedure? Explain materials flow patterns.	10	2
c.	Explain capital-intensive aggregate planning.	10	3
d.	Explain 5S techniques of eliminating waste.	10	4
e.	Explain the role of Gantt charts in production control.	10	5

SECTION C

3. Attempt any *one* of the following: **10 x 1 = 10**

a.	Discuss qualitative and quantitative techniques of forecasting.	10	1
b.	Explain objectives and functions of Production Planning and Control.	10	1

4. Attempt any *one* of the following: **10 x 1 = 10**

a.	Explain batch production and mass production along with its advantages and disadvantages.	10	2
b.	Define capacity planning. Explain the need and classification of capacity planning.	10	2

5. Attempt any *one* of the following: **10 x 1 = 10**

a.	What are the key differences between level strategy and chase strategy in aggregate production planning formulation?	10	3
b.	Discuss master production schedule.	10	3

6. Attempt any *one* of the following: **10 x 1 = 10**

a.	Discuss various types of wastes.	10	4
b.	Explain lean process to minimize the wastages.	10	4

7. Attempt any *one* of the following: **10 x 1 = 10**

a.	Discuss strategies for corrective actions.	10	5
b.	Explain various tools used in production control systems.	10	5