

MBA (SCM) Semester-2 Examination

FC 201

OM

April-2024

Time : 2-30 Hours]

[Max. Marks : 70

Q-1 A) Write a detail note on Inventory management and methods of inventory management. 14

Q-2 A) Solve example by Johnson Algorithm. 14

Jobs	A	B	C	D	E	F	G
M1	8	12	17	4	5	8	3
M2	10	14	11	10	4	6	11

OR

Q-3 B) Explain various types of manufacturing in detail.
A) Explain various layout strategies with suitable example. 14

OR

B) Draw the network diagram by AON and find the critical path.

Activity	A	B	C	D	E	F	G	H
Immediate Predecessors	-	A	A,B	A,B	C,D	D	F	F,G
Duration(Hours)	6	10	8	15	9	18	10	15

Q-4 A) Solve the below mentioned example. 14

Activity	X	B	H	D	L	T
Immediate Predecessors	-	-	B	B,H	D	L
Optimistic time	3	8	4	10	8	6
Most likely time	4	9	5	12	9	7
Pessimistic time	8	11	9	14	12	8

OR

B) Write a note on TQM in detail with suitable example.

Q-5 A) Explain various statistical tools for quality management. Describe the concept of quality management in detail. 14
