

576372(76)

676572(76)

M. B. A. (Third Semester) Examination,

Nov.-Dec: 2020

(New Scheme)

(Management Branch)

(Specialization : Production & Operations Management)

**MANUFACTURING and ENTERPRISE RESOURCES
PLANNING**

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 32

***Note : Attempt all questions. Part (a) is compulsory.
Attempt any two parts from (b), (c) and (d).***

Unit-I

1. (a) What is ERP?

2

[2]

- (b) Define frameworks of ERP. How an ERP system fit into the overall information structure in firm? 7
- (c) What is SAP? Write down difference between two tier and three tier Architecture. 7
- (d) Explain frame works of SAP. Why SAP called R/3. How SAP replaced two tier architecture to three tier architecture? 7

Unit-II

- 2. (a) What is Planning? 2
- (b) Write down steps of sales operations planning. Explain sales operations planning activities for supply chain management. 7
- (c) How SAP works in production and supply chain management? 7
- (d) How can sales operation planning differ from production management? 7

Unit-III

- 3. (a) What is Scheduling? 2

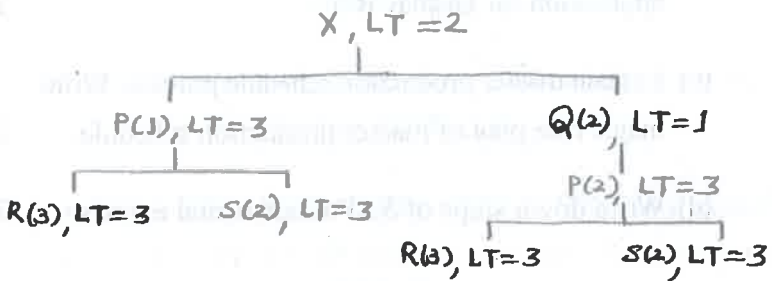
[3]

- (b) What is Display R₃ information in SAP? Write application for Display R/3. 7
- (c) Explain master production schedule process. Write major role play of master production schedule. 7
- (d) Write down steps of SAP fundamental exercise 7

Unit-IV

- 4. (a) What is Production Activity? 2
- (b) Write down capacity planning and scheduling. How production activity control production planning? 7
- (c) What is material management? Write the steps of SAP implementation in material management. 7
- (d) If 100 units of X are required in week 12 and if none of the components, sub assemblies and the end of product are either on hand or on order. Compute the amounts and dates of the planned order released for all components and sub-assemblies. Assume that there is no particular order size and there for all the order quantities are lot for lot. The product structure and lead times for finished product 'X' are given in diagram. 7

[4]



Unit-V

5. (a) What is ERP selection? 2
- (b) What are the potential and financial benefits of ERP implementation? 7
- (c) Write name different process modeling. What are the risks of implementing ERP system? 7
- (d) Write short notes on : 7
- (i) Model of SAP
- (ii) Project Management using SAP