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Third Semester M.B.A. Degree Examination, March/April 2021

(CBCS - 2014-15 and onwards)

Management

Paper 3.2 - PROJECTS AND OPERATIONS MANAGEMENT

Time : 3 Hours]

[Max. Marks : 70

SECTION - A

Answer any **FIVE** questions. Each question carries **5** marks : (5 × 5 = 25)

1. State the difference between Project and Operation Management.
2. What is scheduling? State the types of scheduling.
3. State the names with formula the types of variances in the context of Project Budgeting Costing and Forecasting.
4. State the factors affecting the facility locating decisions.
5. State the 14 principles of Deming's in the context of Quality Management.
6. Explain purchase functions.
7. Briefly explain the work breakdown structure.

SECTION - B

Answer any **THREE** questions. Each question carries **10** marks : (3 × 10 = 30)

8. What is inventory management? State the levels of stock with formulae. Also illustrate the concept of VED analysis, FSN analysis and ABC analysis.
9. Explain all the quality control tools.
10. Write a note on Lean Management and state the 7 wastes.
11. Explain the ten sub-systems of Project Management.

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SECTION - C

12. Case study. This Section is compulsory :

(1 × 15 = 15)

A project schedule has the following characteristics :

Activity	Time (weeks)	Activity	Time (weeks)
1-2	4	5-6	4
1-3	1	5-7	8
2-4	1	6-8	1
3-4	1	7-8	2
3-5	6	8-10	5
4-9	5	9-10	7

- Construct the Network diagram
- Find the Critical path
- Compute the Earliest Occurrence Time and Least Occurrence Time for each event.