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R-15

Code: 5G173

IV B.Tech. I Semester Supplementary Examinations July 2020

Industrial Management & Entrepreneurship

(Computer Science and Engineering)

Max. Marks: 70

Time: 3 Hours

Answer all five units by choosing one question from each unit (5 x 14 = 70 Marks)

UNIT-I

1. Define Management. Explain the Fayol's general principles of Management. 14M

OR

2. Discuss the various forms Business organizations. Distinguish between Joint Stock Company and Private Limited Company. 14M

UNIT-II

3. What is a selective control of Inventory? Explain the importance of ABC analysis in inventory management. 14M

OR

4. What is MRP? Explain the inputs and outputs of MRP in detail. 14M

UNIT-III

5. What is working capital? Explain briefly the factors which determine the working capital needs of a firm. 14M

OR

6. What is depreciation? Explain straight line depreciation with an example? 14M

UNIT-IV

7. What is Manpower Planning? What factors do you consider while forecasting Manpower Planning needs of an organization? 14M

OR

8. What is HRM? Write the functions of HRM in detail? 14M

UNIT-V

9. Give different concepts of Entrepreneurs. Describe the characteristics of successful entrepreneurs. 14M

OR

10. What do you mean by Entrepreneurship Development Program? Explain the needs and objectives of EDP in India. 14M

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R-15

Code: 5G478

IV B.Tech. I Semester Supplementary Examinations July 2021

Object Oriented Analysis and Design

(Common to CSE & IT)

Max. Marks: 70

Time: 3 Hours

Answer all five units by choosing one question from each unit (5 x 14 = 70 Marks)

UNIT-I

1. a) Define a model. List the rules and principles of modeling in UML? 7M
- b) What are the things available in UML? Write in brief. 7M

OR

2. a) Write short note on relationships. 7M
- b) Explain the conceptual model of the UML? 7M

UNIT-II

3. a) What is a classifier? How it is helpful in designing a Template class? 7M
- b) Explain the concept of multiple inheritance. 7M

OR

4. a) Discuss the Advanced Relationships in UML. 7M
- b) What is a class? How class diagrams are helpful in modeling logical database schemas. 7M

UNIT-III

5. a) How Collaboration diagram differs from Sequence Diagram, explain with an example 7M
- b) What is use of Sequence Diagram and explain the important elements of Sequence Diagram? 7M

OR

6. a) Define Use case? What are the points to be considered to model the context of a system using Use case diagram? 7M
- b) Draw the Use case Diagram for Library Management System? 7M

UNIT-IV

7. a) Give brief discussion about various kinds of events? 7M
- b) Define a state? What are the important parts of a state? 7M

OR

8. a) What is State Chart Diagram? Explain the properties of state chart diagram and draw the state chart diagram for Library System 7M
- b) Give brief discussion about various kinds of events? 7M

UNIT-V

9. What is a component? How these components are helpful in designing interfaces and APIs? 14M

OR

10. a) How we can model processors and devices? 7M
- b) Write short note on nodes. 7M
