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Code: 4GA61

III B.Tech. II Semester Supplementary Examinations May 2019

Managerial Economics and Financial Analysis

(Common to EEE & CSE)

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 managerial economics? Explain nature and scope.
- OR**
2. What is demand? State and explain law of demand. Are there any exceptions to the law?

UNIT-II

3. How cost out-put relationship helps the entrepreneurs in expansion decisions.
- OR**
4. Discuss the economics and dis- economics of scale in detail.

UNIT-III

5. Evaluate sole trader form of organization
- OR**
6.
 - a) Features of perfect market
 - b) market skimming
 - c) penetration pricing

UNIT-IV

7. The following are the detail pertaining to accompany which is considering of acquiring a fixed cost.

Rate of return 10% both projects

Project A : cost of the proposal Rs 42000

Life 5 years

Each year Avg after tax annual cash inflow Rs 14000(constant)

Project B: cost of the proposal Rs 45000

Life 5 years

Avg after tax annual cash inflow	1 YEAR	Rs 28000
	2 YEAR	Rs 12000
	3 year	Rs 10000
	4 year	Rs 10000
	5 year	Rs 10000

Determine NPV Which projects do you recommended.

OR

8. Explain capital budgeting techniques and advantages, disadvantages.

UNIT-V

9. Briefly discuss accounting concepts and conventions with examples.
- OR**
10. Write basics of accounts and classifications accounts debit, credit rules with examples.

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R-14

Code: 4G463

III B.Tech. II Semester Supplementary Examinations May 2019

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) What is the importance of modeling? Explain the principles of modeling.
- b) How to model a system's Architecture?

OR

- 2. Explain about structural things of UML in detail.

UNIT-II

- 3. Discuss the Advanced Relationships in UML

OR

- 4. What is the role of a Class Diagram? Develop a library information system using Class Diagram.

UNIT-III

- 5. What is a swimlane? What are the uses of using a swimlane in an activity diagram?

OR

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

UNIT-IV

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

OR

- 8. What is State Chart Diagram? Explain the properties of state chart diagram and draw the state chart diagram for Library System

UNIT-V

- 9. Compare component diagram and deployment diagram with an example

OR

- 10. a) Draw the Component Diagram for Library System
- b) Draw the Deployment Diagram for Library System?
