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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech IV Year I Semester Regular Examinations November/December-2022
SOFTWARE PROJECT MANAGEMENT

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 What is the importance of software project management and explain different activities methodologies, setting objectives covered by software project management? L2 12M

OR

- 2 State and explain the different types of cost benefit evaluation techniques with suitable examples? L2 12M

UNIT-II

- 3 a Demonstrate the following process models : The Spiral Model. L2 6M
b Demonstrate the following process models Rapid Application Development. L2 6M

OR

- 4 Define SCRUM. Discuss with a neat diagram macro and micro processes that you observed in managing iterative processes. L1 12M

UNIT-III

- 5 Define critical path method. Evaluate the critical path based on forward pass and backward pass techniques. L1 12M

OR

- 6 Explain various activities involved in creating critical paths or critical patterns. L2 12M

UNIT-IV

- 7 Illustrate the visualizing progress in Project Management and Control. L2 12M

OR

- 8 What is meant by project Monitoring explain it in detail? L1 12M

UNIT-V

- 9 Explain the organizational Behavior of staffing in software projects. L2 12M

OR

- 10 Define Communication Plan. Write down the results of communication plan in projects. L1 12M

*** END ***

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UNIT - I: Introduction to Project Management & Project Organization - P.T. 10

1. Define project management. Explain the importance of project management. (10)

(Answer of five parts x 2 = 10 marks)

Ans. Marks 10

Time 30 min

OR

2. Explain the importance of project management and organization. (10)

OR

3. Define and explain the different types of cost-benefit analysis techniques. (10)

OR

4. Explain the relationship between project and organization. (10)

OR

5. Explain the importance of project management and organization. (10)

OR

6. Explain the importance of project management and organization. (10)

OR

7. Explain the importance of project management and organization. (10)

OR

8. Explain the importance of project management and organization. (10)

OR

9. Explain the importance of project management and organization. (10)

OR

10. Explain the importance of project management and organization. (10)