

Course Code: ITT309

Course Name: MANAGEMENT FOR SOFTWARE ENGINEERS

Max Marks:100 Duration: 3hr

PART A

Answer all questions, each carries 3 marks

1. Write about specialised process models.
2. Briefly explain about Extreme programming.
3. How to categorize stakeholders of a project?
4. What are the steps in project management control process?
5. How do we carryout cash flow forecast?
6. Explain the function point analysis of effort estimation.
7. Write about any two risk assessment technique?
8. Write a short note on benefit management.
9. What are the technique used to enhance software quality?
10. How to categorize the group task in project management? (10*3=30)

PART B

Answer all questions, each carries 14 marks

11. a) What are engineering practices in software development (8)
b) Explain about different activities carryout during project lifecycle(6)

OR

12. a) Write about personal and team process model (9)
b) Differentiate between ASD and DSDM
13. a) Compare Traditional and Modern project management practices. (5)
b) How are Software projects categorized? (9)

OR

14. a) Explain Software management spectrum in detail. (14)

15. Explain in detail the Steps in Project planning. (14)

OR

16. a) Explain in detail bottom up and top down effort estimation techniques (10)
b) Write a short note on schedule compression (4)
17. a) Explain on the Forward pass and Backward pass analysis in CPM. (8)
b) How are resources scheduled over the duration of the project? (6)

OR

18. a) What are the number of factors need to consider while allocating task to individuals in a project (5)
b) Explain in detail network planning models (9)

19. a) Explain Software Configuration Management. (9)
b) Write about different testing stages of software product? (6)

OR

20. a) Explain in detail about Earned Value Analysis. (10)
b) How to visualise the progress of a project using gantt chart and slip chart?(4)