

VALLIAMMAI ENGINEERING COLLEGE
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DEPARTMENT OF INFORMATION TECHNOLOGY

IT2403 - SOFTWARE PROJECT MANAGEMENT QUESTION BANK

UNIT I

Part A

1. What is a project?
2. What are the characteristics of a project?(u-13)
3. What is the difference software projects and other types of project?
4. Why organize an activity or job as a project?
5. Define Contract Management.
6. What are the three successive processes that bring a new system?
7. Define Feasibility Study.
8. What is meant by planning?
9. What are the phases in software development life cycle?
10. Define Requirement Analysis.
11. What is meant by qualification testing?
12. What is the difference between Information systems and embedded systems?
13. Differentiate Objectives Vs products.(u-13)
14. What is management?
15. What are the activities of management?
16. What are the problems with software project from manager's point of view?
17. What is meant by management control?
18. What are the steps involved in step wise planning?
19. How to identify project infrastructure?
20. How to manage activity risks?
21. Define project stake holders.

Part -B

- 1.Explain the difference between software projects and other projects in detail.
- 2.Explain contract management and technical project management.(u-13)
- 3.Explain activities covered by the software project management.(u-13)
- 4.What is management? Explain the problems with software projects.
- 5.Explain stakeholders and business case.
- 6.Explain management control in detail.
- 7.Explain the step-wise project planning in detail.(u-13)
- 8.How to analyze the project character tics?
- 9.Explain the steps involved in to identify activity risks.
10. Explain the steps in project planning with case studies example.

UNIT II

Part - A

1. Define project Evaluation.
2. What is meant by programme?
3. What is the concept of strategic programmes?(u-13)
4. Define business cycle programmes.
5. Define Infrastructure programmes.
6. Define Research and development programmes
7. Write the difference between programme managers and project managers.
8. Define programme mandate.
9. How the programme will brief?
10. Define vision statement.
11. What is meant by blueprint?
12. What are things to be considered in the blueprint?
13. What are the benefits of management?
14. Define technical assessment.
15. What are the steps in cost-benefit analysis?(u-13)
16. Define development costs.
17. Define setup costs.
18. Define operational costs.
19. What is meant by cost flow forecasting?
20. What are the cost-benefit evaluation techniques?
21. Give the formula of Net Present Value
22. Define Decision tree.

Part-B

1. Discuss the various activities of project evolution with example?(u-13)
2. Write in detail for project management with strategic programme.
3. How to manage the allocation of resources within programmes with examples.
4. Explain in detail strategic programme management.
5. What are the steps involved in creating a programme?
6. Explain in detail about the various cost benefit analysis techniques with example.(u-13)
7. Explain cost-benefit evaluation techniques.
8. Explain decision trees with examples.
9. Explain risk evaluation.
10. What is meant by cash flow forecasting? Explain with example.

UNIT III

Part - A

1. What are the steps involved in Activity Planning?
2. What are the objectives of activity planning?
3. Define resource allocation.
4. How will define the activities?
5. What are the three different approaches to identifying the activities?
6. Write short notes on WBS.
7. Mention the five levels of WBS.
8. How will formulate the network model?
9. What are the rules for constructing precedence networks?
10. Define Hammock activities.(u-13)

11. What is meant by forward pass?
12. What is meant by backward pass?
13. What are the rules of activity –on-arrow rules and conventions?
14. Define Risk.
15. What are the risks to business impact?(u-13)
16. What are things to be considered in risk management?
17. Define Risk Identification.
18. Define risk analysis and risk monitoring.
19. Define Risk Planning.
20. What are the steps in risk planning?
21. Define risk assessment.
22. Define Hazard analysis.

Part - B

1. What are the objectives of activity planning?(u-13)
2. Write the steps involved in project schedule.
3. Explain the approaches for identifying the activities.
4. Illustrate a network model? Explain rules for constructing precedence networks?(u-13).
5. What is the difference forward pass and backward pass explain with example.
6. Explain activity-on-arrow networks.
7. Explain the categories of risk.
8. What are the approaches in risk identification?
9. Explain the risk planning.
10. Define the term risk.Discuss the issues related to managing the risk give example(u-13).

UNIT IV Part -A

1. Write short notes on monitoring.
2. Write short notes on control.
3. What are the three steps in project control?
4. What are the functions in traffic light-method?
5. Define Gantt Chart
6. Define slip chart.
7. Write short notes on Earned Value Analysis.(u-13)
8. What are the deciding levels of monitoring?
9. What are the steps in change control procedures?
10. Define managing contracts.
11. What are the different types of contract?
12. What is meant by fixed price contracts?(u-13)
13. Mention the advantages and disadvantages of fixed price contracts.
14. Define time and materials contracts.
15. What are the advantages and disadvantages are time and materials contracts?
16. Define fixed per unit delivered contracts.
17. What the advantages and disadvantages are of fixed per unit delivered contracts?
18. What are the processes of evaluation need?
19. What are the services to be provided in contracts?
20. Define Acceptance.(u-13)

Part - B

1. Describe the steps in project control .(u-13)
2. Explain the levels of Monitoring with examples(u-13)
3. Explain the method Earned value Analysis.
4. Explain the change in control procedures.
5. What is meant by contract? Explain the supply process in detail.
6. Explain the different types of contract in detail.
7. Explain fixed price contracts with advantages and disadvantages.
8. Explain time and material contract with advantages and disadvantages
9. Explain the stages in contract placement .(u-13)
10. What are the typical terms of a contract? Explain with examples.(u-13)

UNIT V

Part - A

1. What are the objectives of managing people and organizing teams?
2. What are the three basic objectives of organizational behaviour.
3. What are the factors consider in X theory?
4. What are the factors consider in Y theory?
5. Define Motivation.
6. What are the needs in maslow's hierarchy theory?
7. Write short notes on herzberg's motivation-hygiene theory
8. Write short notes on vroom's expectancy theory.
9. What are the factors to be considered in the Oldham-hackman job characteristic model?
10. Mention the methods of improving motivation.
11. How to becoming a team?
12. Define Forming.(u-13)
13. What is meant by team worker?
14. What are the two categorized for decision making?
15. Mention some mental obstacles to good decision making.
16. What are the measures to reduce the disadvantages of group decision making?
17. Define Leadership.
18. What are the functions of leader?
19. What are the leadership models/theories?
20. What are the leadership styles?
21. Define Stress.
22. Define departmentation

Part - B

1. Explain the stepwise framework where staffing concerns are important.
2. Explain the factors to be considered in the Oldman-Hackman job characteristic model? (u-13)
3. Explain the recruitment process.
4. Define motivation. Explain maslow's hierarchy of needs.
5. Explain the expectancy theory of motivation.
6. What the methods involved in motivation?
7. What are the steps needed to become a team?
8. Discuss leadership models.Explain the functions of a leader with an example(u-13).
9. Explain the organizational structures.
10. Explain the stress and healthy and safety in detail.