## 2-marks

1. Analyze some problems with software projects.
2. Write down the steps in cost benefit analysis.
3. Justify and define RAD is incremental model.
4. Distinguish between Bottom-up and Top-Down estimate.
5. Interpret dangle in an activity network. Give an example.
6. Illustrate the framework for dealing with the risk analysis.
7. Draw the project control cycle model.
8. Classify the methods for earned value analysis.
9. Write down the process of identifying the right persons for the job.
10. What are the factors to be considered in the Oldham - Hackman job characteristic model?
11. Interpret the three different approaches for identifying the activities.
12. How estimation is done in PERT?
13. Classify the categories of reporting.
14. Draw the project reporting structures.
15. How to visualize the project progress.
16. Discuss the time and materials contracts.
17. How do you select the right people for the job?
18. Illustrate the measures to reduce the disadvantages of group decision-making.
19. Interpret the role of ethics in project management.
20. Draw the chief programmer team structure.

## Big Questions

1. The estimated cost has the estimated income and benefits; the best way of the project evaluation includes the developmental costs in terms of accruing from the system. How the overall estimation of the required activities, the installation cost and the operational cost has been performed? Interpret how cost-benefits evaluation techniques are done &its methods with examples.
2. Interpret the step-wise project planning in detail with suitable Flowchart.
3. Explain in detail about software process and process models.
4. What are the effort and cost estimation techniques? Analyze the importance of COCOMO model for software estimation.
5. The precedence networks have the identification of critical path, write down the classification for this process.
6. Explain in detail about the PERT technique and justify how PERT techniques provide details in identifying the uncertainties and effort in a project.
7. Derive critical path for completion of the project. Based on task dependency diagram allocate resource and derive Activity Chart.
8. Discuss the types of contracts with example. Discuss the steps in managing the contracts. What are the stages in contract management?
9. Explain how new staff can be selected and induced into a project/do staff selection relate to quality of product? Justify with appropriate answer.
10. Analyze the Team structure that addresses the issue of organization of the individual project teams.
11. Paul Duggan is the manager of a software development section. On Tuesday at 10.00 a.m. he and his fellow section heads have a meeting with their group manager about the staffing requirements for the coming year. Paul has already drafted document 'bidding' for staff. This is based on the work planned for his section for the next year. The document is discussed at the meeting. At 2.00 p.m. Paul has a meeting with his senior staff about an important project his section is undertaking. One of the programming staff has just had a road accident and will be in hospital for some time. It is decided that the project can be kept on schedule by transferring another team member from less urgent work to this project. A temporary replacement is to be brought in to do the less urgent work but this may take a week or so to arrange. Paul has to phone both the human resources manager

about getting a replacement and the user for whom the less urgent work is being done, explaining why it is likely to be delayed' Identify which of the eight management responsibilities listed above Paul was responding to at different points during his day.

12. The new staff can be selected and induced into a project/do staff selection relate to quality of product? Justify with appropriate answer.