**SPM(BOE-068) QUESTION BANK**

**UNIT-1**

1. Define project with a suitable example.
2. Explain a software project.
3. Explain different types of projects.
4. Define an activity with example.
5. Explain Stepwise Project Planning.
6. Explain different types of activities involved in software project management
7. Explain scope of a project.
8. Planning is the most important activity in the overall software project management. Examine this statement.
9. Explain Strategic program management of software project management.
10. In context to the cost benefit analysis, discuss the following terms precisely with example:

Net Profit (NP)

Payback Period (PP)

Return on Investment (ROI)

Net Present value (NPV)

1. Discuss different types of project plans.
2. Explain Risk management strategies in software project management.
3. Discuss the Decision tree analysis method for risk evaluation.
4. Explain why discounted cash flow technique provides better criteria for project selection than net profit or return on investment.
5. Explain Strategic program Management –
6. Explain Cost benefit evaluation techniques with the help of examples.
7. Explain characteristics of software project.
8. Explain in detail about Cost benefit evaluation techniques and its methods with example.

**UNIT-2**

1. What are the different parameters for measuring the quality of software project
2. Define rapid application development in details
3. Explain the limitations of waterfall model.
4. Define the term stakeholder. Who are the possible stakeholders in a software project and what can be their interests.
5. What do you understand by software project estimation? discuss various techniques use for software project estimation.
6. Describe a software process model.
7. Explain extreme programming.
8. Describe function point Analysis.
9. Explain DSDM.
10. Explain different steps of software development lifecycle.
11. Explain advantages of Agile methods over traditional methods for project development.
12. Outline Rapid Application Model for software development.
13. Outline Agile methods for software development.
14. Explain Extreme Programming development process.
15. Explain the software development modes in COCOMO.
16. Explain different types of project size estimation methods.
17. Explain different types of project plans.
18. Explain formula for effort estimation in basic COCOMO.