

**ROLAND INSTITUTE OF TECHNOLOGY,
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DEPARTMENT OF CSE & IT**

ASSIGNMENT-1(SOFTWARE Project Management)

Short Questions :-

1. What is Software Crisis and the its causes ?
2. What are the activities covered by software project management ?
3. What are the activities covered by software development process ?
4. What is Timeboxing?
5. What are the advantage and limitations of Software Prototyping Model ?
6. What are the different stages in RAD Model ?
7. Describe Agile methods.
8. What do you mean by Cost Benefit Analysis ?
9. Differentiate Cocomo I and Cocomo II.
10. Write down the Putnam's equation and its importance.
11. What are the effects of schedule compression?
12. Draw a sample Gantt chart to show activities and scheduling.
13. What is the importance of CPM and PERT techniques ?
14. Differentiate Macro and Micro Risks.
15. Differentiate Incremental and Spiral models with diagram.

Long Questions :-

1. Explain the different stages of Stepwise Planning.
2. Describe the DSDM Atern Model.
3. Describe Scrum.
4. Describe different cost benefit evaluation techniques.
5. Describe Project Costing.
6. Describe Capers Jones estimating Rule of Thumb.
7. Describe Risk Planning and Control Techniques.
8. Briefly explain Monte Carlo Simulation.