

22/6/2016

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**Question Paper Code : 27613**

**5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2016**

**Ninth Semester**

**Software Engineering**

**ESE 092 – SOFTWARE PROJECT MANAGEMENT**

**(Regulations 2010)**

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer ALL questions.**

**PART – A (10 × 2 = 20 Marks)**

1. What are the phases in software development life cycle ?
2. Give the objectives of Prototyping Model.
3. What is a software configuration audit ?
4. What are the 7 QC tools ?
5. What are the steps in cost-benefit analysis ?
6. What are the types of project closures ?
7. Give the skill sets required for information gathering step.
8. Why is technology choice considered in project design ?
9. What is reengineering ?
10. Give the purpose of testing phase.

**PART – B (5 × 16 = 80 Marks)**

11. (a) What is Waterfall model ? Give advantages, disadvantages and when to use it.

**OR**

- (b) Discuss the steps involved in spiral model and elaborate when to use spiral model. Discuss the advantages and disadvantages of using Spiral Model.

12. (a) Explain how software quality assurance is ensured in a software firm.

**OR**

- (b) Define Risk. What are the risks that impact business ? Explain risk evaluation and risk management ?

13. (a) Explain how to initiate a Project with a case study.

**OR**

- (b) What is the objective of a project plan ? Give the important steps to follow for Planning and Tracking the Project.

14. (a) How do you go about the requirements gathering phase ? Does anyone have a good set of guidelines or tips to follow ?

**OR**

- (b) Discuss the various approaches to Estimating size of software projects.

15. (a) Discuss the Project Management done in the maintenance phase.

**OR**

- (b) Explain the impact of Internet on Project Management Activities.