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**B.E / B.Tech ( Full Time ) DEGREE END SEMESTER EXAMINATIONS, APRIL / MAY 2014**

Information Technology

5th semester

Regulations 2008

IT9301 Software Project Management

Time: Three hours

Maximum: 100 marks

Answer ALL questions

Part A (10×2=20 marks)

1. Define project management.
2. Compare and contrast strategic assessment and technical assessment.
3. Define effort in software project evaluation.
4. List any five types of risks in software development.
5. Compare and contrast PERT and CPM.
6. Enumerate any two tools used for cost evaluation.
7. Define earned value.
8. List any two tools used for scheduling project.
9. Define Hackman job characteristics model.
10. Write any two healths and safety measures to be taken in organization.

Part B (5×16 =80 marks)

11.(i) Explain an overview of “stepwise project planning activities” with a neat diagram.

(ii) Explain the various activities of software project management. Assume that you are a project manager for a software outsourcing industry and illustrate the activities of SPM.

12.(a) Explain how risks are handled in project with respect to any one real time application.

(or)

(b) Discuss the cash flow technology with different cost-benefit evaluation techniques.

13.(a) Explain the steps involved in risk planning and methodology used to evaluate risk in a project.

(or)

(b) Draw and explain the activity network at the completion of the forward pass.

14.(a) Explain elaborately the typical terms in contract management.

(or)

(b) Explain the steps involved in resource allocation in detail.

15.(a) Discuss the organizational behavior with examples.

(or)

(b) Explain the various organizational structure used in software projects.