Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 73764

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2017.

Seventh Semester

Information Technology

IT 2403/IT 73/10144 IT 704/10144 CSE 69 — SOFTWARE PROJECT MANAGEMENT

(Common to Eighth Semester Computer Science and Engineering)

(Regulations 2008/2010)

(Also common to PTIT 2403 – Software Project Management for B.E. (Part-Time) Seventh Semester – CSE-Regulations 2009)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Mention the characteristics of software projects.

2. Mention few factors that decides the success of a project.

3. Differentiate between Strategic Assessment and Technical Assessment.

4. What is the use of decision tree in Risk Evaluation?

5. Differentiate work breakdown structure and product breakdown structure.

6. With an example, explain risk avoidance.

7. What is cost monitoring? Write its importance.

8. How can changing control be managed in Software Project Management?

9. When is a software project accepted?

10. What are the advantages of working in groups?

PART B — (5 × 16 = 80 marks)

11. (a) With a suitable example explain the different activities handled by software project management.

Or

(b) If Project cannot be delivered with in the deadline, explain how it will be changed in stepwise project planning. Explain your answer with a suitable example.

12. (a) Explain in detail about the various cost benefit analysis techniques with examples. (16)

Or

(b) Discuss the various activities of Project Evaluation. Give example. (16)

13. (a) Draw an activity network using precedence network conventions for organizing and carrying out a survey on users opinion of an information system. Assuming your own durations, identify the critical path on your network and calculate the earliest completion date for the project. (16)

Or

(b) Explain how will you identify the major risks that might affect your project and identify the strategies for minimizing each of those risks. (16)

14. (a) (i) Describe the various ways in visualizing the progress of the project. (8)

(ii) Explain the process of prioritizing monitoring. Give example. (8)

Or

(b) Discuss the types of contracts with example. (16)

15. (a) (i) Explain Oldham-Hackman job characteristics model. (8)
(ii) Explain Belbin's work on teams. (8)

Or

(b) Give an overview on stress, health and safety issues. (16)

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