

21/12/16 AN

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Question Paper Code : 60768

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2016.

Seventh/Eighth Semester

Computer Science and Engineering

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

(Common to Information Technology)

(Regulations 2008/2010)

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

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are the measures of effectiveness that are used to check the success of a project?
2. What is the responsibility of the project steering committee?
3. Give the significance of cost benefit analysis.
4. When Net Present Value is calculated for a project?
5. List any two risk planning and control methods.
6. How do you identify hazards in software Project Management?
7. Give the formula for Earned Value Analysis.
8. Mention the advantages and disadvantages of fixed price contracts.
9. List some obstacles for good group decision making.
10. Write down any four selection criteria for SCM tools.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the steps involved in project planning. (16)

Or

- (b) A public library is considering the implementation of a computer-based system to help administer book loans at libraries.
- (i) Identify the stakeholders. (4)
 - (ii) What are the objectives of the project? (4)
 - (iii) How will the success and failure of the project be measured? (8)

12. (a) Explain how risks are handled in a project. Give example. (16)

Or

- (b) Discuss the cash flow forecasting with different cost-benefit evaluation techniques. (16)
13. (a) (i) Explain the various steps involved in activity planning with its objectives. (8)
- (ii) Illustrate a Network Model? Explain rules for constructing precedence networks? (8)

Or

- (b) Define the term risk. Discuss the issues related to managing the risk. Give example. (16)
14. (a) Explain the types of contracts and their stages in contract placement in detail.

Or

- (b) How do you prioritize the data collection using Earned Value analysis? Discuss with suitable illustrations.
15. (a) (i) How will you ensure that a right person is selected for the job? Explain. (8)
- (ii) Discuss about the different models of motivation. (8)

Or

- (b) Discuss about:
- (i) Organizational structure. (8)
 - (ii) Decision making. (8)