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Reg. No. :

**Question Paper Code : 31518**

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2013.

Seventh Semester

Information Technology

IT 2403/IT 73/10144 IT 704 – SOFTWARE PROJECT MANAGEMENT

(Common to Eighth Semester Computer Science and Engineering)

(Regulation 2008/2010)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

**PART A — (10 × 2 = 20 marks)**

1. What are the characteristics of a project?
2. Distinguish between objectives and products.
3. What is the concept of strategic programmes?
4. What are the steps in cost-benefit analysis?
5. Define Hammock activities.
6. What are the risks to business impact?
7. Give the formula for Earned Value Analysis.
8. Mention the advantages and disadvantages of fixed price contracts.
9. Define Acceptance.
10. What is forming?

**PART B — (5 × 16 = 80 marks)**

11. (a) Explain the various steps involved in step-wise project planning. (16)

Or

- (b) Discuss the following in detail :
- (i) Contract Management (8)
  - (ii) Software Project Management Activities. (8)

- 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) (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) Define Contract. Explain the stages in contract placement with its typical terms. (16)

Or

- (b) (i) Explain the levels of Monitoring with examples. (8)
- (ii) Describe the steps in project control. (8)
- 15 (a) Explain the factors to be considered in the Oldham-Hackman job characteristic model? Give the Vroom's expectancy theory. (16)

Or

- (b) Discuss leadership models. Explain the functions of a leader with an example. (16)