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**Question Paper Code : 31260**

B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2019.

Seventh/Eighth Semester

Information Technology

IT 2403 — SOFTWARE PROJECT MANAGEMENT

(Common to Computer Science and Technology)

(Regulation 2008)

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

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are the problems commonly experienced by managers as published in the survey by Thayer, Pyster and Wood?
2. What are the elements of product description?
3. How are project risk identified and ranked?
4. What are the disadvantages of using ROI as a measure of return on capital?
5. What are the three approaches for identifying activities that make up a project? How do these approaches identify them?
6. How can the risk exposure be calculated?
7. How is monitoring prioritized?
8. List the different stages in contract placement.
9. Distinguish between disjunctive and conjunctive task.
10. List out the different types of people needed for a team balancing.

PART B — (5 × 16 = 80 marks)

11. (a) Explain the stepwise project planning activities in detail. (16)

Or

- (b) (i) Detail the various activities covered by software project management? (10)
- (ii) Explain the different categorization of software projects and stake holders. Discuss the importance of stake holders in software project. (6)

12. (a) Describe the different techniques for performing cost benefit evaluation with an example. (16)

Or

- (b) Discuss different techniques involved in Risk Evaluation and explain when might be using a risk assesment matrix. (16)

13. (a) Describe the major steps involved in project scheduling? Discuss the identification of various activities and the objective of the activity planning? (16)

Or

- (b) Explain, how PERT is used to evaluate the effects of uncertainty to a schedule with an example. (16)

14. (a) Explain the earned value analysis for monitoring the cost of the project and prioritizing the monitoring activity with an example.

Or

- (b) (i) Discuss the seven stages of contract placement in detail. (8)
- (ii) Describe the various types of procurement contracts used in Project management. (8)

15. (a) (i) Explain the methods to increase staff motivation. (8)

- (ii) Explain how decision making is important in SPM. (8)

Or

- (b) (i) Discuss the various leadership skills essential for implementing a project and elaborate six different styles of leadership. (8)
- (ii) Explain the features of various organizational structures used in software projects. (8)