[4760]-410

M.E. (Computer Engineering)

SOFTWARE PROJECT MANAGEMENT

(Elective - IV) (Semester - II) (2008 Pattern)

Time : 3 Hours]   *[Max. Marks : 100*

Instructions to the candidates:

1) *Answers to the two sections should be written in separate answer books.*
2) *Answer any three questions from each section.*
3) *Neat diagrams must be drawn wherever necessary.*
4) *Figures to the right side indicate full marks.*
5) *Assume Suitable data if necessary.*

SECTION - I

Q1) a) Explain the significance of Software Project Management with its activities. **[8]**

b) Explain the major challenges in project management and how to overcome them? **[8]**

Q2) a) Explain the tools and methods used for Software Project Planning.**[8]**

b) How Risk analysis helps in project management? **[8]**

Q3) a) Explain the method to estimate the schedule in project management.**[8]**

b) Explain the complex project management review. **[8]**

Q4) Explain the following.(Any three) **[18]**

a) Project Management practices

b) Risk assessment

c) Work break down structure

d) Quality factors

SECTION - II

Q5) a) Explain the procurement and contract management.   **[8]**

   b) Give the role of stakeholders in project management.   **[8]**

Q6) a) Explain the data and transactional sizing in estimation.   **[8]**

   b) Explain the estimation using function point analysis.   **[8]**

Q7) a) Explain the different types of Risks considered in project management?

   [8]

   b) Explain the different metrics used in project management.   **[8]**

Q8) Explain the following. (Any three)   **[18]**

   a) Cost planning

   b) Project plan

   c) Tracking schedule

   d) Risk mitigation

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