

Total No. of Questions : 8]

SEAT No. :

**P4140**

[Total No. of Pages : 2

**[4860]-346**

**M.E. (Computer Engineering) (Semester - II)**

**SOFTWARE PROJECT MANAGEMENT**

**(2008 Pattern) (Elective -IV(a))**

*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 best practices of project management. [8]  
b) Explain the role of project management in software development with phases of project management. [8]
- Q2)** a) Explain the activities of risk management. [8]  
b) State and explain the methods for tracking the schedule of a software project. [8]
- Q3)** a) Explain the significance of quality factors in project management. [8]  
b) Explain the cost benefit analysis. [8]
- Q4)** Explain the following.(Any three) [18]  
a) Time line chart  
b) Risk mitigation  
c) Project metrics  
d) Critical path

**P.T.O.**

## **SECTION - II**

- Q5)** a) How estimation helps in project management? Explain with an estimation technique. [10]  
b) Explain the formal technical review process. [6]
- Q6)** a) Explain the purpose of team organization in project management. [8]  
b) Explain the function point analysis for estimation. [8]
- Q7)** a) Explain a process model with its activities. [8]  
b) How to apply count for estimation in object oriented application. [8]
- Q8)** Explain the following. (Any three) [18]  
a) Size oriented metric  
b) COCOMO  
c) Managing Stakeholders  
d) Risk table

