

Total No. of Questions : 8]

SEAT No. :

**P4455**

[5255]-122

[Total No. of Pages : 2

**M.E. (Computer & Computer Network)**  
**PRINCIPLES AND PRACTICES FOR IT MANAGEMENT**  
**(2008 Course) (Semester-I)**

*Time : 3 Hours]*

*[Max. Marks : 100*

*Instructions to the candidates:*

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

**SECTION-I**

- Q1)** a) Write important points that are essential part of SRS document. Explain it with suitable example and its significance in project management. [8]
- b) What is a project charter? Explain its main elements with significance. [6]
- c) Enlist different stakeholders included in requirements gathering. [2]
- Q2)** a) How will you write a project scope statement? Explain with example of 'Online Railway reservation system'. [8]
- b) Explain various methods of estimating the project costs. How will you assess the financial health of your project at any particular time during the progress of the project? [8]
- Q3)** You are an IT project manager of a network upgrade project. The network will consist of 187 work stations, 5 servers and 17 printers. Network will be segmented through switches. You have to create one 100 meter wifi zone with 40 work stations. You have to upgrade these 40 machines for wifi zone. These 40 machines can be in LAN as well as with wifi access. [16]
- a) Create WBS.
- b) Create PND and find out critical path and slack time.

**P.T.O.**

- Q4)** a) What are the various reasons that call for a revision of project plan? What are the effects of project plan revision. [6]
- b) Explain PERT with suitable example. [4]
- c) Write a note on -
- i) Zero based budget. [4]
- ii) Matrix organization. [4]

## SECTION-II

- Q5)** a) Explain the different phases of team development with suitable diagram or example. What is the difference between Teams and Groups? [8]
- b) Explain various reasons for conflict and various approaches to conflict resolution. [8]
- Q6)** a) Assuming you are an IT project manager. Which process and project standards you will apply to your project? Explain giving its significance. [8]
- b) Explain the change management process with relevant flow chart as applied to an IT project. [8]
- Q7)** a) Assume that Government has to provide subsidized health care facilities to all the citizens as per their income group. Identify all the stakeholders and prepare a feasibility report for such an IT project. [8]
- b) If Higher Technical Education is to be provided as a service, what will be the risks associated with it? How will you manage these risks? [8]
- Q8)** Write short notes on - [18]
- a) Energy management and energy audit.
- b) Intellectual property rights.
- c) Product design and development issues in IT industry.

