P4127

[4860] - 330

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

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

Instructions to the candidates :

1) *Question No. 04 and 08 are compulsory. Out of the remaining attempt 02 questions from section - I and 02 questions from section - II.*

2) *Answers to the two sections should be written in separate answer books.*

3) *Neat diagrams must be drawn wherever necessary.*

4) *Figures to the right indicate full marks.*

SECTION - I

Q1) a) Explain the steps carried out in managing an IT project. Consider suitable example. **[6]**

b) What are the similarities and differences in handling of a project with respect to an IT project and any other non - IT project. **[6]**

c) Explain how can any IT organization perform social responsibilities. Give suitable examples. **[4]**

Q2) a) You are the project manager for your organization. Management has asked that you create a detailed cost estimate for a new solution they'd like to implement. What type of project estimating must account for every expense within a project before the work begins **[6]**

   i) Bottom - up estimating

   ii) Top - down estimating

   iii) Zero -based budgeting

   iv) Parametric estimating

b) "Risk identification is an iterative part of project planning." Explain how project risks are identified early in planning. **[6]**

c) What is the budget at completion (BAC). Explain BAC for estimation of project cost. **[4]**

Q3) a) What is PND? Explain its significance in scheduling of IT project. Give suitable example. **[6]**

b) Why is it necessary to review IT projects? How does it help project scheduling and handling of constraints. **[6]**

c) How will you handle changes in the project as a project manger of an IT project? Explain the process with suitable example. **[4]**

Q4) Write short notes on (any three) : **[18]**

a) Work breakdown structure

b) Project network diagram

c) Project priorities establishment

d) Business ethics

SECTION - II

Q5) a) Explain the significance of conflict management with respect to team handling in an IT project using modern view of conflict. **[8]**

b) What are the qualities of a good team leader? **[4]**

c) What is stress management? How will you guide your project members for handling stress. **[4]**

Q6) a) Explain knowledge management with its significance in an IT project.**[4]**

b) Explain any two project quality standards applicable in case of IT project.
[6]

c) With short explanation list out the cyber laws applicable for an IT organization. **[6]**

Q7) a) What do you think should be the technological impact for agriculture and agricultural products sector. Explain with suitable examples. **[6]**

b) Explain the impact of mobile technology on banking and insurance domain. What do you forsee in terms of emerging IT projects in this domain in near future? **[6]**

c) With respect to healthcare domain, what kind of IT projects should be taken up in India in order to provide medical facilities to the masses in near future. **[4]**

Q8) Write short notes on (any three) : **[18]**

a) Energy audit and management

b) Intellectual property rights

c) Customer relationship management

d) Formal versus Informal groups and their impact on project success.

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