P1360

[4858] - 1109

T.E. (Information Technology)

INFORMATION TECHNOLOGY PROJECT MANAGEMENT

(2012 Pattern) (Semester - II)

Time : 3 Hours]

[Max. Marks : 70

Instructions to the candidates:

1) *Answer five questions.*

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

3) *Figures to the right side indicate full marks.*

4) *Assume suitable data if necessary.*

Q1) a) State the difference between : **[4]**

    i) High level design and detailed design.

    ii) Unit testing and system testing.

    b) Explain process used for decision making. **[3]**

    c) Explain bottom up approach in effort estimation during project planning. **[3]**

OR

Q2) a) Explain the concept of SWOT analysis. **[4]**

    b) Why all engineers need leadership skills? **[3]**

    c) Write short note on Six sigma Process **[3]**

Q3) a) Explain 4 m's in resources for project. **[4]**

    b) What are essential qualities a person should have to lead technical people? **[6]**

Q4) a) What is process capability baseline? Explain outcomes of it. **[4]**

b) Enlist any 6 essential contents of proposal in Project initiation. **[6]**

Q5) a) What are steps in Project monitoring and control? **[8]**

b) Explain in short importance of HR management and communication management in Project execution. **[8]**

OR

Q6) a) What are essential contents of any Project management plan? **[8]**

b) Order following 6 processes of Time Management in proper sequence and explain each of them. **[8]**

- Schedule control

- Activity Duration estimation

- Schedule Development

- Activity Sequencing

- Activity Definition

- Activity Resource estimating

Q7) a) What are the risks and benefits of ERP? **[8]**

b) Explain any 8 success factors for ERP implementation. **[8]**

OR

Q8) a) What is ERP? Why it is important to a company? **[8]**

b) Explain ERP implementation Life cycle. **[8]**

Q9) a) Explain concept of Supply chain management with suitable example. **[8]**

b) Write short note on : **[10]**

   i) Software configuration management.

   ii) Reverse Engineering.

<p style="text-align: center;">OR</p>

Q10) a) What are essential features of any IT Project management tool? **[8]**

b) Write short note on : **[10]**

   i) Reengineering.

   ii) Software maintenance.

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