[5870] - 1132

T.E. (Computer Engineering)
SOFTWARE PROJECT MANAGEMENT
(2019 Pattern) (Semester - I)(Elective - I) (310245)(D) (Theory)

Time : 2½ Hours]   *[Max. Marks : 70*

Instructions to the candidates:
1) *Answer Q. 1 or Q. 2, Q. 3 or Q. 4, Q. 5 or Q. 6, Q. 7 or Q. 8.*
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) Enlist and explain the 4 types of activity relationships? **[8]**

    b) Explain various steps involved & the objectives of activity planning in detail. **[10]**

OR

Q2) a) Explain following in detail.
      i) Scheduling
      ii) Types of Scheduling
      iii) Benefits of scheduling **[10]**

    b) Discuss the network model represented by the CPM network. **[8]**

Q3) a) Discuss the Contract Management in detail. **[8]**

    b) Outline the various steps involved in a Change Control Procedure. **[9]**

OR

Q4) a) Explain the level of Monitoring with examples. **[8]**

    b) Define Contract. Explain the typical terms of a Contract. Give Examples. **[9]**

Q5) a) What are software development approaches? Explain agile project management in detail. **[8]**

b) Explain Scrum framework in detail. **[10]**

OR

Q6) a) Explain in detail advantages and disadvantages of agile methodology.**[10]**

b) Write short note on :

i) Estimation

ii) Product backlog **[8]**

Q7) a) Explain the importance of working together as a team and the various aspects of team development. **[9]**

b) Define motivation. Explain the different models of motivation. **[8]**

OR

Q8) a) What is stress? Mention the important causes of stress encountered in projects. **[8]**

b) Discuss leadership models. Explain function of a leader with an example. **[9]**

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