SEAT No. :

[5927]-392

B.E. (Information Technology)
SOFTWARE PROJECT MANAGEMENT
(2019 Pattern) (Semester - VII) (414442)

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 indicate full marks.*
4) *Assume sitable data, if necessary.*

Q1) a) Explain objectives of activity planning in detail with suitable example. **[9]**

b) List different project scheduling Techniques? Explain the Difference between CPM and PERT. **[9]**

OR

Q2) a) What is network Model? Explain with neat sketch. **[9]**

b) Explain with suitable example forward pass and Backward Pass. **[9]**

Q3) a) What are the different tools and methods used for monitoring and regulating project operations? **[8]**

b) What are the different methods used in visualizing progress. Explain in detail? **[9]**

OR

Q4) a) What is project control? Explain the different types of control mechanism in details. **[8]**

b) Explain plan monitor control cycle used in the project in detail with example. **[9]**

Q5) a) How to select a right person for the job? Explain the recruitment process in detail. **[9]**

b) What is Leadership? Explain Different approaches of leadership. **[9]**

OR

P.T.O.

Q6) a) Explain Oldham-Hackman job characteristic model. **[9]**

b) Explain five fundamental stages of development **[9]**

Q7) a) What is visibility in Devops? What are the different ways to enable the visibility in Azure Devops? **[6]**

b) Define Application Lifecycle Management (ALM) tools? What feature should be considered while choosing an ALM Tools? List some examples of ALM tools? **[6]**

c) What is Azure Board? Explain with suitable example? **[5]**

OR

Q8) a) Explain application life cycle with its phases? **[6]**

b) Explain any four metrics used for developer practices? **[6]**

c) List any four examples of reports for metrics in agile projects? **[5]**

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