

Total No. of Questions : 8]

SEAT No. :

PA-946

[Total No. of Pages : 2

[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 suitable 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]

