

Total No. of Questions : 8]

SEAT No. :

PE-2270

[Total No. of Pages : 2

[6584]-174

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 side indicate marks.
- 4) Assume suitable data, if necessary.

Q1) a) Explain with suitable example Forward Pass and Backward Pass [9]

b) Explain objectives of activity planning in detail with suitable example [9]

OR

Q2) a) How do network diagrams help in project planning? Define predecessor, Successor and parallel activities. Give a real word example of each. [9]

b) List different project scheduling Techniques? Explain the Difference between CPM and PERT. [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) Explain version control and change control process in SCM with neat diagram [8]

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

P.T.O.

- 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

- Q6) a)** Explain Oldham-Hackman job characteristic model [9]
- b)** With relevant examples, differentiate between management and leadership. [9]

- Q7) a)** Explain any four metrics used for developer practices? [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)** List any four examples of reports for metrics in agile projects? [5]

OR

- Q8) a)** Explain application life cycle with its phases? [6]
- b)** What is visibility in DevOps? What are the different ways to enable the visibility in Azure DevOps? [6]
- c)** What is Azure Borad? Explain with suitable example? [5]