

Total No. of Questions : 8]

SEAT No. :

PD4658

[Total No. of Pages : 2

[6404]:164

**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 diagram must be drawn wherever necessary.
- 3) Figure 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

- Q6)** a) Explain Oldham-Hackman job characteristic model. [9]
b) Explain five fundamental stages of development. [9]

P.T.O.

- 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 Borad? 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]

