

Total No. of Questions : 8]

SEAT No. :

PB2323

[Total No. of Pages : 2

[6263]-171

B.E. (Information Technology)

SOFTWARE PROJECT MANAGEMENT

(2019 Pattern) (Semester - VII) (414442)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right side indicate marks.*
- 4) *Assume suitable data, if necessary.*

Q1) a) Describe IT Project Risk Identification Framework. Explain the types of risk with examples. **[9]**

b) How do Network Diagrams help in Project Planning? Define Predecessor, Successor, and Parallel Activities. Give a real-world example of each. **[9]**

OR

Q2) 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]**

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]

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