Code No: 157DX

R18

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech IV Year I Semester Examinations, February/March - 2022
SOFTWARE PROCESS AND PROJECT MANAGEMENT
(Common to CSE, IT)

Time: 3 Hours

Max. Marks: 75

Answer Any Five Questions
All Questions carry equal marks
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1.a) Discuss in detail about the Initial process, the repeatable process and the managed process.
 b) What are process reference models? Explain any two of them. [7+8]

2.a) Discuss about Capability Maturity Model and its variations.
 b) Differentiate between PSP and TSP. [7+8]

3.a) What are the principles of conventional software project management? Discuss.
 b) With a neat sketch, explain the model based software architectures. [7+8]

4.a) Explain about management artifacts and pragmatic artifacts in brief.
 b) How to improve software economic? Discuss. [7+8]

5.a) Describe the cost estimation process of a software project.
 b) What is iteration planning? Explain iteration planning process in brief. [7+8]

6.a) What is the need of metrics automation? Discuss.
 b) Explain default project organization and responsibilities. [7+8]

7.a) What are process discriminants? Briefly explain.
 b) Explain about project control and process instrumentation. [7+8]

8.a) Discuss about the common subsystem view of CCPDS-R.
 b) Explain test progress of CCPDS-R. [7+8]

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