

**R16**

Code No: 137HB

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, October/November - 2020

SOFTWARE PROCESS AND PROJECT MANAGEMENT

(Common to CSE, IT)

Time: 2 hours

Max. Marks: 75

Answer any Five Questions  
All Questions Carry Equal Marks

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1. Explain the Capability Maturity Models in detail. [15]
2. What is the significance of iterative process? Explain transitioning to iterative process for project management. [15]
3. "An Evolutionary work breakdown structure should organize the planning elements around the process framework rather than product framework." Substantiate this statement. [15]
4. a) Discuss the significance of round trip engineering.  
b) Discuss the four quality indicators in managing a modern process. [7+8]
5. Elaborate on CCPDS-R Process along with macro process, milestones and schedule. [15]
6. a) Discuss the principles of software process change.  
b) When the process is repeatable? Why? [8+7]
7. Summarize the differences in emphasis between engineering and production stages. [15]
8. a) Discuss life cycle planning balance.  
b) A typical project would have six –iteration profiles. Discuss them. [7+8]

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