

Code No: R05410504

R05**Set No. 2****IV B.Tech I Semester Examinations, November 2010****SOFTWARE PROJECT MANAGEMENT****Common to Information Technology, Computer Science And Engineering****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. State and explain the principles of conventional Software Engineering? [16]
2. Explain the following with respect to CCPDS-R:
 - (a) People factors
 - (b) DOD-STD-2167A artifacts. [8+8]
3. Explain about predominant Cost estimation process and suggest suitable changes for the process? [16]
4. (a) Define architectural risk. Write process discriminators that result from differences in architectural risk.
(b) Define MTBF and maturity. Draw a graph for maturity expectation over a healthy project's life cycle. [8+8]
5. Explain in detail about major milestones in software metrics. [16]
6. State the heuristics that describe objectively an architecture baseline. [16]
7. Describe the artifacts captured in the management set? [16]
8. (a) Describe what might happen to a software project if the requirements phase did not apply sound engineering principles and practices and the remaining phases did effectively apply them.
(b) What are the following standards promote:
 - i. Highest organizational level
 - ii. Intermediate line-of-business level
 - iii. Lowest project level. [6+10]

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R05**Set No. 4****IV B.Tech I Semester Examinations, November 2010****SOFTWARE PROJECT MANAGEMENT****Common to Information Technology, Computer Science And Engineering****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. Explain about predominant Cost estimation process and suggest suitable changes for the process? [16]
2. State and explain the principles of conventional Software Engineering? [16]
3. Explain the following with respect to CCPDS-R:
 - (a) People factors
 - (b) DOD-STD-2167A artifacts. [8+8]
4. Explain in detail about major milestones in software metrics. [16]
5. State the heuristics that describe objectively an architecture baseline. [16]
6. (a) Describe what might happen to a software project if the requirements phase did not apply sound engineering principles and practices and the remaining phases did effectively apply them.
(b) What are the following standards promote:
 - i. Highest organizational level
 - ii. Intermediate line-of-business level
 - iii. Lowest project level. [6+10]
7. Describe the artifacts captured in the management set? [16]
8. (a) Define architectural risk. Write process discriminators that result from differences in architectural risk.
(b) Define MTBF and maturity. Draw a graph for maturity expectation over a healthy project's life cycle. [8+8]

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R05**Set No. 1****IV B.Tech I Semester Examinations, November 2010****SOFTWARE PROJECT MANAGEMENT****Common to Information Technology, Computer Science And Engineering****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. State the heuristics that describe objectively an architecture baseline. [16]
2. State and explain the principles of conventional Software Engineering? [16]
3. (a) Define architectural risk. Write process discriminators that result from differences in architectural risk.
(b) Define MTBF and maturity. Draw a graph for maturity expectation over a healthy project's life cycle. [8+8]
4. (a) Describe what might happen to a software project if the requirements phase did not apply sound engineering principles and practices and the remaining phases did effectively apply them.
(b) What are the following standards promote:
 - i. Highest organizational level
 - ii. Intermediate line-of-business level
 - iii. Lowest project level.[6+10]
5. Explain the following with respect to CCPDS-R:
 - (a) People factors
 - (b) DOD-STD-2167A artifacts. [8+8]
6. Explain about predominant Cost estimation process and suggest suitable changes for the process? [16]
7. Describe the artifacts captured in the management set? [16]
8. Explain in detail about major milestones in software metrics. [16]

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R05**Set No. 3****IV B.Tech I Semester Examinations, November 2010****SOFTWARE PROJECT MANAGEMENT****Common to Information Technology, Computer Science And Engineering****Time: 3 hours****Max Marks: 80****Answer any FIVE Questions****All Questions carry equal marks**

1. (a) Describe what might happen to a software project if the requirements phase did not apply sound engineering principles and practices and the remaining phases did effectively apply them.
(b) What are the following standards promote:
 - i. Highest organizational level
 - ii. Intermediate line-of-business level
 - iii. Lowest project level.[6+10]
2. Describe the artifacts captured in the management set? [16]
3. Explain the following with respect to CCPDS-R:
 - (a) People factors
 - (b) DOD-STD-2167A artifacts.[8+8]
4. (a) Define architectural risk. Write process discriminators that result from differences in architectural risk.
(b) Define MTBF and maturity. Draw a graph for maturity expectation over a healthy project's life cycle. [8+8]
5. State and explain the principles of conventional Software Engineering? [16]
6. Explain about predominant Cost estimation process and suggest suitable changes for the process? [16]
7. State the heuristics that describe objectively an architecture baseline. [16]
8. Explain in detail about major milestones in software metrics. [16]
