Code No: 07A7EC23 **R07** **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

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1. (a) What are the responsibilities of SEPA, SEEA and PRA?
   (b) Draw the diagram of round-trip engineering.
   (c) Explain CCB. [6+4+6]
2. Discuss about evolutionary WBS in detail. [16]
3. (a) Explain evolutionary requirements.
   (b) Write about common subsystem overview of CCPDS-R. [8+8]
4. Define the deployment set and explain how they are evaluated, assessed and measured? [16]
5. What are constraints how they are affecting the work flows? [16]
6. How reusability is going to be an influencing factor in improving the software economics? [16]
7. (a) Define earned value system and explain its parameters.
   (b) What are the two primary dimensions of process variability?
   (c) Explain domain experience. [8+4+4]
8. Describe the improvements done to the basic waterfall process that would eliminate most of the development risks? [16]

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Code No: 07A7EC23 **R07** **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

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1. (a) What are seven core metrics? Explain.
   (b) What is a metric? Explain pragmatic software metric. [8+8]
2. Describe the various dimensions of scheduling? How dimensions are helpful in improving software economics? [16]
3. Describe the states that evolve through a project environment artifact. [16]
4. (a) Explain subsystem process improvements of CCPDS-R.
   (b) What are cost/effort expenditures by activity for the CCPDS-R project?[8+8]
5. (a) What are the main features of the default organization of project organizations?
   (b) Define stakeholder. Explain stakeholder environment. [6+10]
6. What are the attributes to have a good estimate of the software cost? [16]
7. Describe the planning sequence to estimate the cost and schedule of a process.[16]
8. (a) What are elicit stakeholder requirements?
   (b) If a periodic process in the on-board train protection system is used to collect data from the track side transmitter, how often must be scheduled to ensure that the system is guaranteed to collect information from the transmitter? Justify your answer? [4+12]

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Code No: 07A7EC23 **R07** **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

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1. Explain an organized and abstracted view of the architecture into the design models. [16]
2. Describe the two stages of the life cycle to active economies of scale and higher returns on investment. [16]
3. Differentiate the following:
   (a) Conventional WBS and evolutionary WBS
   (b) Iteration readiness review and iteration assessment review
   (c) Life cycle objectives milestone and product release milestone. [8+4+4]
4. How GUI based technology is helping in environment issues, explain with a suitable example? [16]
5. (a) Define round-trip engineering. What is the primary reason for round-trip engineering? Explain.
   (b) What are the stakeholder environments? Explain. [8+8]
6. (a) Define metric. Explain reliability metrics.
   (b) Write the basic parameters of earned value system? [8+8]
7. Compare and contrast Large scale system to that of water fall Model? [16]
8. Discuss about Ada COCOMO. [16]

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Code No: 07A7EC23 **R07** **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

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1. (a) Define meta process, macro process and micro process.
   (b) Discuss about the activities of software management team.
   (c) Explain CCB. [6+6+4]
2. What is the impact of the Documentation and review meetings? [16]
3. Compare and contrast a model and a view with appropriate example. [16]
4. Compare and contrast change management environment and round trip engineering? [16]
5. (a) Write different concerns of different stakeholders.
   (b) Discuss about the cost and schedule estimating process. [8+8]
6. What were metrics collected in CCPDS-R? What is the purpose of each metric? [16]
7. How might you measure the effectiveness of a user manual for a software package? Consider both the measurements that might be applicable and the procedures by which the measurements be taken. [16]
8. Provide a default outline for release description? [16]

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