Code No: 07A7EC23 **R07** **Set No. 2**

IV B.Tech I Semester Examinations,MAY 2011
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) Explain modern software economics.
   (b) Write an overall software acquisition process of CCPDS-R. [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) Name three types of stakeholders.
   (b) List the steps to identify the stakeholders.
   (c) What are the guidelines for specifying project pay offs?
   (d) List five types of software, a project typically needs. [4+4+4+4]
5. What are the disadvantages of water fall model? How do you eliminate them? [16]
6. Describe the characteristics exhibited by successful and unsuccessful modern projects? [16]
7. (a) What three tasks do you need to do well to ensure effective measurements?
   (b) What four steps should you take select measurement?
   (c) Discuss about budgeted cost and expenditures. [6+6+4]
8. (a) What is the reason for looking at organizations from project as well as line-of-business perspectives?
   (b) What are the four component teams is a default line-of-business organization and their responsibilities? [8+8]

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Code No: 07A7EC23 **R07** **Set No. 4**

IV B.Tech I Semester Examinations,MAY 2011
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. Describe how the tool vendors make relatively accurate individual assessments of life cycle activities to support the claims of the economic impact of their tools with examples? [16]
2. Explain an organized and abstracted view of the architecture into the design models. [16]
3. (a) Explain early risk resolution.
   (b) Explain project organization of CCPDS-R. [8+8]
4. Discuss how UFP's can be used as estimators for language independent early life cycle estimates? [16]
5. What are the assessments required for the Implementation set? [16]
6. (a) Give two reasons why the system version in an N-version system may fail in a similar way.
   (b) What are the three levels of process?
   (c) Discuss about the prototyping environment. [6+6+4]
7. What are advantages and disadvantages of software reuse? Explain in detail. [16]
8. (a) What is an indirect measure? Why such measures are common in software metrics work?
   (b) Present an argument against lines of code as measure for software productivity. Will your case hold up when dozens or hundreds of projects are considered? [8+8]

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Code No: 07A7EC23 **R07** **Set No. 1**

IV B.Tech I Semester Examinations,MAY 2011
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) Write engineering artifacts available at the life-cycle architecture milestone.
   (b) Write the conventional work breakdown structure. [6+10]
2. Describe the various objectives used for the measurement of software size? [16]
3. (a) What are top 10 software management principles?
   (b) Explain people factors of CCPDS-R. [8+8]
4. What is the sequence of individual iteration work flow? [16]
5. State and explain the principles of conventional Software Engineering? [16]
6. Team A found 342 errors during the software engineering process prior to release. Team B found 184 errors. What additional measures would have to be made for projects A and B to determine which of the teams eliminated more efficiently? What metrics would you propose to help in making the determination? What historical data might be useful? [16]
7. Provide a default outline for release description? [16]
8. (a) Discuss team management in detail.
   (b) Define micro process. Discuss about tools. [8+8]

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Code No: 07A7EC23 **R07** **Set No. 3**

IV B.Tech I Semester Examinations,MAY 2011
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. Describe the activities of a software management team? [16]
2. (a) What are two perspectives of project plans? Write the planning sequence of each.
   (b) Discuss about initial operational capability milestone and product release milestone. [8+8]
3. Describe the basic parameters that can be used for the abstraction of the software cost models? [16]
4. Explain the following:
   (a) The Gantt chart
   (b) The Slip chart
   (c) Ball chart. [6+6+4]
5. Describe the maxims of team management? [16]
6. (a) What are the steps to gain support for a project?
   (b) What are the sections of a software development plan?
   (c) What is the need of process automation? Explain. [4+4+8]
7. What are the various artifacts associated with each work flow? [16]
8. (a) Explain project closure analysis.
   (b) What are the important differences between a quality circle and a review group? [8+8]

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