Code No: 07A70506　　　　　　　**R07**　　　　　　　**Set No. 2**

IV B.Tech I Semester Examinations,December 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
⋆ ⋆ ⋆ ⋆ ⋆

1. Summarize the characteristics of a successful object oriented project. [16]

2. Describe the various objectives used for the measurement of software size? [16]

3. Explain modern project profiles. [16]

4. (a) Define round-trip engineering. What is the primary reason for round-trip engineering? Explain.

　 (b) What are the stakeholder environments? Explain. [8+8]

5. (a) What are the steps to leveraging measurements?

　 (b) Explain with example Software Project Control Panel. [8+8]

6. Describe the different aspects of an architecture from a technical perspective. [16]

7. Provide a generic build progression and guidelines on the number of iterations in each phase. [16]

8. (a) How do immovable milestones and synchronization points differ?

　 (b) Develop formats for recording meeting notes and for email status reports. Justify your format for each by considering how much time will be needed to use these formats and how these notes and reports will be archived. [8+8]

⋆ ⋆ ⋆ ⋆ ⋆

1

Code No: 07A70506 | **R07** | **Set No. 4**

IV B.Tech I Semester Examinations,December 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
⋆ ⋆ ⋆ ⋆ ⋆

1. Discuss about demonstration-based assessment of CCPDS-R. [16]

2. Describe the states that evolve through a project environment artifact. [16]

3. Discuss in detail the three important analyses done on the state of the software engineering industry. [16]

4. (a) Which milestone occurs at the end of the inception phase? Explain.

    (b) Write the default content of status assessment reviews.

    (c) Write the planning sequence of backward-looking. [4+8+4]

5. (a) Define metric. Explain reliability metrics.

    (b) Write the basic parameters of earned value system? [8+8]

6. Define Work Break Down Structure (WBS) for budgeting and collecting costs.[16]

7. How the assessment in performance is done and what are the influencing factors? [16]

8. (a) On a large project it is often be the responsibility of a team leader to allocate tasks to individuals. Why might it be unsatisfactory to leave such allocations entirely to the discretion of the team leader?

    (b) Discuss about processes and project management. [8+8]

⋆ ⋆ ⋆ ⋆ ⋆

Code No: 07A70506　　　　　　　**R07**　　　　　**Set No. 1**

IV B.Tech I Semester Examinations,December 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
⋆ ⋆ ⋆ ⋆ ⋆

1. (a) Write engineering artifacts available at the life-cycle architecture milestone.

    (b) Write the conventional work breakdown structure. 　　　　　[6+10]

2. State the heuristics that describe objectively an architecture baseline. 　　[16]

3. How do the tools have influence on pragmatic software cost estimation? 　　[16]

4. (a) Define Meta process. Explain organizational policies and organization environment.

    (b) Write skill sets required for software development team. 　　　[10+6]

5. What are the driving factors for achieving software quality? 　　　[16]

6. (a) Write about results of major milestones in a modern process.

    (b) Explain IPDR demonstration results. 　　　　　　　　　　[8+8]

7. Give an overview of the artifact sets that make the development of a complete software system manageable. 　　　　　　　　　　　　　　[16]

8. (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]

⋆ ⋆ ⋆ ⋆ ⋆

Code No: 07A70506 | **R07** | **Set No. 3**

IV B.Tech I Semester Examinations,December 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
⋆ ⋆ ⋆ ⋆ ⋆

1. Describe the two stages of the life cycle to active economies of scale and higher returns on investment. [16]

2. (a) Define stakeholder. Who are stakeholders? Explain.
   (b) Discuss about periodic status assessments. [8+8]

3. Describe the various dimensions of scheduling. How dimensions are helpful in improving software economics? [16]

4. (a) Discuss about culture shifts.
   (b) Explain the incremental test process. [8+8]

5. What is protracted integration and late design breakage, explain with a suitable example? [16]

6. (a) What are four important environment disciplines?
   (b) Write the responsibilities of the following:
      i. Software assessment team
      ii. Software development team
      iii. Software architecture team. [4+12]

7. Why do traceability metrics become difficult to manage when there are many system requirements? Design a requirements structuring mechanism, based on viewpoints, which might help reduce the scale of this problem. [16]

8. Provide the organization policy outline. [16]

⋆ ⋆ ⋆ ⋆ ⋆

4