

Code No: R31121

R10

Set No: 1

III B.Tech. I Semester Supplementary Examinations, May - 2013

SOFTWARE ENGINEERING

(Information Technology & Electronics and Computer Engineering)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain the evolving role of software.
2. Explain different Software development process models.
3. (a) Discuss the importance of SRS.
(b) Explain other approaches for analysis.
4. Explain how and different procedures involved in effort estimation?
5. What is meant by software architecture? Explain its views?
6. (a) Discuss the differences between object oriented and function oriented design.
(b) Discuss the reasons for improvement using object oriented design.
7. Explain in detail programming principles and guidelines.
8. Write briefly about
 - (a) Unit testing
 - (b) Integration testing



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Set No: 2

III B.Tech. I Semester Supplementary Examinations, May - 2013

SOFTWARE ENGINEERING

(Information Technology & Electronics and Computer Engineering)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about
 - a) Management myths
 - b) Customer myths
 - c) Practitioners myths
2. What are drawbacks in waterfall process model? Explain how drawbacks are handled in other models.
3. Discuss in detail functional specifications with use cases?
4. Why project scheduling is vital in software project .Explain how staff impact on project schedule.
5. Explain in detail about steps involved in documentation of architecture design.
6. (a) Discuss the differences between object oriented and function oriented design.
(b) Discuss the reasons for improvement using function oriented design.
7. Discuss in detail incremental code development
8. Write briefly about Validation Testing and System Testing



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Set No: 3

III B.Tech. I Semester Supplementary Examinations, May - 2013

SOFTWARE ENGINEERING

(Information Technology & Electronics and Computer Engineering)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Explain about software myths and different types of the myths?
2. Explain in detail about agile process.
3. Write about
 - (a) requirement process
 - (b) requirement specification
4. Explain differences between risk management plan and project monitoring plan.
5. Write in detail on what parameters architectures are evaluated.
6. (a) Discuss the differences between object oriented and function oriented design.
(b) Discuss the reasons for improvement using object oriented design.
7. Explain steps involved in managing the evolving code.
8. (a) Explain Verification and Validation.
(b) How to organize the software testing?
(c) Explain the considerations and procedures of unit testing.



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Set No: 4

III B.Tech. I Semester Supplementary Examinations, May - 2013

SOFTWARE ENGINEERING

(Information Technology & Electronics and Computer Engineering)

Time: 3 Hours

Max Marks: 75

Answer any FIVE Questions
All Questions carry equal marks

1. Discuss the challenges involved in compromising software cost and quality.
2. Write the advantages and disadvantages of each process model.
3. (a) Discuss the importance of SRS.
(b) Explain other approaches for validation.
4. Explain in detail about scheduling.
5. What is a architectural style? Describe about different architectural styles?
6. (a) Discuss the differences between object oriented and function oriented design.
(b) Discuss the reasons for improvement using function oriented design.
7. Write about advantages in code inspection and its impact on the quality of software.
8. Write differences between black box testing and white box testing.

