Code No: R05321903   **R05**   **Set No. 2**

III B.Tech II Semester Examinations,December 2010
SOFTWARE ENGINEERING
Electronics And Computer Engineering

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. Explain why a high-quality software process should lead to high-quality software products. Discuss possible problems with this system of quality management. [16]

2. Recommend the life cycle model (waterfall or evolutionary) for the following software systems.

   (a) Enterprise Software

   (b) Management Information Systems.   [8+8]

3. (a) Discuss about Security testing and Performance testing.

   (b) State and explain various debugging tactics.

   (c) What are the questions that every software engineer should ask before making the "Correction" that remove the cause of a bug?   [6+4+6]

4. (a) Define usecases. Explain their purpose.

   (b) Discuss how sequence diagram add information to use case with an example.
                                                                        [6+10]

5. (a) Discuss about task elaboration and object elaboration in user interface design.

   (b) What is a swim lane diagram? Explain with one example.   [8+8]

6. (a) Discuss the statement, "Not every software quality attribute is weighted equally as the software design is developed".

   (b) Explain the general task set for design.   [8+8]

7. Give a generic view of Software Engineering.   [16]

8. Explain clearly the Web Engineering project metrics.   [16]

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1

Code No: R05321903 | R05 | Set No. 4

III B.Tech II Semester Examinations,December 2010
SOFTWARE ENGINEERING
Electronics And Computer Engineering

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. Recommend the life cycle model (waterfall or evolutionary) for the following software systems.

   (a) Enterprise Software

   (b) Management Information Systems.   [8+8]

2. (a) Define usecases. Explain their purpose.

   (b) Discuss how sequence diagram add information to use case with an example.
   [6+10]

3. Explain clearly the Web Engineering project metrics.   [16]

4. (a) Discuss the statement, "Not every software quality attribute is weighted equally as the software design is developed".

   (b) Explain the general task set for design.   [8+8]

5. Explain why a high-quality software process should lead to high-quality software products. Discuss possible problems with this system of quality management. [16]

6. (a) Discuss about task elaboration and object elaboration in user interface design.

   (b) What is a swim lane diagram? Explain with one example.   [8+8]

7. Give a generic view of Software Engineering.   [16]

8. (a) Discuss about Security testing and Performance testing.

   (b) State and explain various debugging tactics.

   (c) What are the questions that every software engineer should ask before making the "Correction" that remove the cause of a bug?   [6+4+6]

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Code No: R05321903   **R05**   **Set No. 1**

III B.Tech II Semester Examinations,December 2010
SOFTWARE ENGINEERING
Electronics And Computer Engineering

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. (a) Discuss about task elaboration and object elaboration in user interface design.

   (b) What is a swim lane diagram? Explain with one example.   [8+8]

2. (a) Discuss about Security testing and Performance testing.

   (b) State and explain various debugging tactics.

   (c) What are the questions that every software engineer should ask before making the "Correction" that remove the cause of a bug?   [6+4+6]

3. Give a generic view of Software Engineering.   [16]

4. Explain clearly the Web Engineering project metrics.   [16]

5. Recommend the life cycle model (waterfall or evolutionary) for the following software systems.

   (a) Enterprise Software

   (b) Management Information Systems.   [8+8]

6. Explain why a high-quality software process should lead to high-quality software products. Discuss possible problems with this system of quality management. [16]

7. (a) Discuss the statement, "Not every software quality attribute is weighted equally as the software design is developed".

   (b) Explain the general task set for design.   [8+8]

8. (a) Define usecases. Explain their purpose.

   (b) Discuss how sequence diagram add information to use case with an example.
                                                            [6+10]

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3

Code No: R05321903 | R05 | Set No. 3

III B.Tech II Semester Examinations,December 2010
SOFTWARE ENGINEERING
Electronics And Computer Engineering

Time: 3 hours | Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. (a) Define usecases. Explain their purpose.
   (b) Discuss how sequence diagram add information to use case with an example.
   [6+10]

2. (a) Discuss about Security testing and Performance testing.
   (b) State and explain various debugging tactics.
   (c) What are the questions that every software engineer should ask before making the "Correction" that remove the cause of a bug? [6+4+6]

3. Give a generic view of Software Engineering. [16]

4. (a) Discuss the statement, "Not every software quality attribute is weighted equally as the software design is developed".
   (b) Explain the general task set for design. [8+8]

5. Explain clearly the Web Engineering project metrics. [16]

6. (a) Discuss about task elaboration and object elaboration in user interface design.
   (b) What is a swim lane diagram? Explain with one example. [8+8]

7. Explain why a high-quality software process should lead to high-quality software products. Discuss possible problems with this system of quality management. [16]

8. Recommend the life cycle model (waterfall or evolutionary) for the following software systems.
   (a) Enterprise Software
   (b) Management Information Systems. [8+8]

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