

Seat No. _____

B.Sc. (I.T.) Semester V Examination

Octo - 2015

Paper Name: Software Engineering Paper no.501

Subject Code No...4804...

Time: 2:30 Hours

Total Marks: 70

Q. 1. Answer the following Questions.

- 1) Differentiate: SAD to Software Engineering. [07]
- 2) Explain Characteristic of software. [07]

OR

Q. 1. Answer the following Questions.

- 1) What is the key role of software in today's environment? [07]
- 2) Write short Note on Software Quality. [07]

Q. 2. Answer the following Questions.

- 1) Explain linear sequential model. [07]
- 2) Explain Incremental process model. [07]

OR

Q. 2. Answer the following Questions.

- 1) What is software process? Explain process model in brief. [07]
- 2) Write advantage and disadvantage of Waterfall model. [07]

Q. 3. Answer the following Questions.

- 1) Why Requirement analysis so important in software development process? [07]
- 2) Explain feasibility study in detail. [07]

OR

Q. 3. Answer the following Questions.

- 1) Explain the process of Requirement with figure. [07]
- 2) What is requirement validation? Is it necessary in analysis? [07]

Q. 4. Answer the following Questions.

- 1) Explain elements of Design. [07]
- 2) Write short note on Design Model. [07]

OR

Q. 4. Answer the following Questions.

- 1) Differentiate: Pattern base software design and Component level software design. [07]
- 2) Explain design process and design quality. [07]

Q. 5. Answer the following Questions.

- 1) Explain coding standard. [07]
- 2) Explain Testing process with example. [07]

OR

Q. 5. Answer the following Questions.

- 1) Explain Black box testing and White box testing. [07]
- 2) Give difference between Component testing and User testing. [07]