

Printed Pages: 4

ECS-602/NCS-602

(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 110602

Roll No.

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B.TECH.

Theory Examination (Semester-VI) 2015-16

SOFTWARE ENGINEERING

Time : 3 Hours

Max. Marks : 100

Note: Attempt questions from all Sections as per directions.

Section-A

Attempt all parts of this section. Answer in brief. (2×10=20)

- Q1. (a) What do you mean by Reverse Engineering?
- (b) Define a software process.
- (c) What is testability?
- (d) Differentiate between cohesion and coupling.
- (e) Write down the objectives of Software Engineering.
- (f) What do you mean by SRS?

(1)

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- (g) Define the term Software Crisis.
- (h) Give any two reasons for increase in the software costs.
- (i) Differentiate between a Software measure and a Software metric.
- (j) What do you understand by the clean room strategy?

Section-B

2. Attempt any five questions from this section. (10×5=50)

- (a) Write short notes on the following:
- i) Coding standards.
- ii) Verification and validation test.
- (b) Explain the decision table. Discuss the difference between decision table and decision tree.
- (c) What are drivers and stub modules in the context of integration and unit testing of a software product? Why are stubs and drivers modules required?

(2)

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