

**B.Tech. – VIEP – COMPUTER SCIENCE AND
ENGINEERING (BTCSVI)**

Term-End Examination

00063

December, 2016

BICSE-015 : SOFTWARE QUALITY ENGINEERING

Time : 3 hours

Maximum Marks : 70

Note : Attempt any seven questions. Each question carries equal marks.

1. What do you understand by Software Quality ?
What are the attributes of software quality ? 10
2. Explain the level of measurement. 10
3. What is the importance of Reliability model ? 10
4. Explain the Rayleigh model in detail. 10
5. Describe the evolution of software quality assurance in detail with suitable examples. 10
6. Explain the role of verification and validation in software evolution. 10
7. Discuss the Software Reliability Growth models in detail. 10
8. List and explain the different quality standards. 10

9. Differentiate between Fix Response Time and Fix Quality in detail. 10

10. Write short notes on any *two* of the following : 2×5=10

- (a) Software Testing
 - (b) Statistical Quality Assurance
 - (c) Quality Standard
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