

SUBJECT-SOFTWARE TESTING

Day: Saturday
Date: 24/11/2018

W-2018-1157

Time: 10.00 am to 01.00 pm
Max. Marks: 60

N.B.:

- 1) Attempt any 6 out of 8 questions.
- 2) Each question carries 10 marks.
- 3) Appropriate use of figures, graphs, tables etc. is essential.

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- Q.1** Explain with reasons whether you agree or disagree with the below statement: (10)
“Software testing is a process of executing a program with the intent of finding errors. Therefore, it is a destructive, yet creative process”.
- Q.2** Write short notes on:
- a) Usability Testing (05)
 - b) Not Reproducible Defect (05)
- Q.3** Write down the difference between:
- a) CMMI Level 4 Vs CMMI level 5 (05)
 - b) Test Data Vs Defects’ Data (05)
- Q.4** Explain the following terms by giving relevant examples:
- a) Risk Based Testing (05)
 - b) Configuration Management in a testing project (05)
- Q.5**
- a) As a part of website testing, list down at least 5 key features that need to be tested. (05)
 - b) List down at least 5 mistakes that need to be avoided while designing a web page for a website. (05)
- Q.6** What factors need to be considered while preparing the budget and effort estimation for a software testing project? (10)
- Q.7** Write down at least 5 key Quality Metrics that are reported to the top management in a software testing project. (10)
- Q.8**
- a) What are the main objectives / test factors in software testing in general? (05)
 - b) What are the important processes / activities that can be called as Quality Assurance processes / activities in a software project? (05)