

B.Sc. (I. T.) Sem. - V (CBCS - 2015 Course) : WINTER - 2018
SUBJECT-SOFTWARE TESTING

Day: Monday
Date: 26/11/2018

WJ-2018-1079

Time: 10.00 a.m. to 01.00 p.m.
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.

-
- Q.1** Explain with the help of appropriate diagram the 'V' model of software development process wherein different types of software testing are involved. **(10)**
- Q.2** Write short notes on:
- a) Walkthrough as a QA activity **(05)**
 - b) Coding Standards **(05)**
- Q.3** Write down the difference between:
- a) Usability Vs Maintainability of a software **(05)**
 - b) Verification Vs Validation **(05)**
- Q.4** Explain the following terms by giving relevant examples:
- a) Portability Testing **(05)**
 - b) Exception Handling **(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 are the pros and cons when the organization structure is designed in such a manner that the testing team is independent and reports directly to the top management? **(10)**
- Q.7** What are the key metrics that help a Test Manager manage the testing project? **(10)**
- Q.8**
- a) What is Defects Rejection Rate? If this rate is high what does that mean from a testing team perspective? **(05)**
 - b) What are the important sections in a Test Strategy Document? **(05)**

* * * * *