

**B.Tech. SEM -V ( Computer) 2014 Course (CBCS) : WINTER - 2018**

**SUBJECT: SOFTWARE TESTING**

Day: Saturday  
Date: 24/11/2018

**W-2018-2390**

Time: 02.30 PM TO 05.30 PM  
Max. Marks: 60

---

**N.B:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Assume suitable data if necessary.
- 

**Q.1** Explain about software testing terminologies with example. Also discuss in detail about evolution of software testing. (10)

**OR**

**Q.1** What are the various activities performed by a tester in project development. (10)

**Q.2** Define basis path testing. Explain various steps to calculate the independent paths. (10)

**OR**

**Q.2** What are the various regression testing tools and techniques? Explain in detail. (10)

**Q.3** Describe testing process in object oriented structures. (10)

**OR**

**Q.3** What are the quality aspects to be considered in web testing? Discuss briefly. (10)

**Q.4** How do you expand immaterial test cases in decision table testing? Illustrate with an example. (10)

**OR**

**Q.4** Explain fundamental attributes of good automated test cases. (10)

**Q.5** Define scrum in agile testing? Explain process flow of scrum. (10)

**OR**

**Q.5** Discuss about exploratory testing and agile testing. (10)

**Q.6** Write short notes on: (10)

- a) Cause and effect diagram
- b) Pareto chart

**OR**

**Q.6** Describe about nine principles and six concrete practices for testing on agile teams. (10)

\* \* \* \* \*