

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2014 COURSE)
B.Tech.Sem - V COMPUTER : WINTER- 2022
SUBJECT : SOFTWARE TESTING

Day : Thursday

Time : 02:30 PM-05:30 PM

Date : 8/12/2022

W-13649-2022

Max. Marks : 60

N. B.

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
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Q.1 Explain in detail software testing lifecycle. **(10)**

OR

- a) Differentiate between quality assurance and quality control. **(05)**
- b) Write short notes on : **(05)**
 - i) Static testing
 - ii) Dynamic testing

Q.2 Discuss the various white box testing techniques. **(10)**

OR

Differentiate between verification and validation.

Q.3 Explain the concept of testing COTS with example. **(10)**

OR

Create test scenarios for testing an ATM system.

Q.4 Explain defect management in detail. **(10)**

OR

Discuss test plan document with example.

Q.5 Explain in detail dynamic software development method. **(10)**

OR

- a) Compare Agile vs Waterfall model. **(05)**
- b) Explain Agile manifesto in detail. **(05)**

Q.6 List and Explain Kaoru Ishikawa's quality control tools in detail. **(10)**

OR

Explain the concrete practices for testing on Agile team.

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