

BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)
B.Tech.Sem - VI INFORMATION TECHNOLOGY : SUMMER : 2024
SUBJECT: SOFTWARE TESTING & QUALITY ASSURANCE

Day : Tuesday
Date : 21/05/2024

S-24744-2024

Time : 02:30 PM-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 **WHEREVER** necessary.
- 4) Draw neat diagrams **WHEREVER** necessary.
- 5) use of non-programmable **CALCULATOR** is allowed

- Q.1 Enlist and explain various principles of software testing. (10)
OR
- Q.1 Design test plan for testing college management system. (10)
- Q.2 Define test case. Enlist characteristics of good test case. Design test cases for Hospital Management system. (10)
OR
- Q.2 Enlist and explain various verification techniques in detail. (10)
- Q.3 List and explain white box testing techniques in detail with suitable example. (10)
OR
- Q.3 Define Test deliverable. Also define ten test deliverables in software testing lifecycle. (10)
- Q.4 Define GUI testing. Explain the various parameters on which GUI testing is done (10)
OR
- Q.4 Enlist and explain any five functional and non-functional types of testing with suitable example. (10)
- Q.5 Write shot note on Bugzilla and also differentiate between manual testing and automation testing. (10)
OR
- Q.5 List and explain any one functional testing tool. (10)
- Q.6 List and explain Ishikawa's Quality control tools. (10)
OR
- Q.6 Enlist and explain the best practices for software quality management (10)

* * * * *