

BACHELOR OF TECHNOLOGY (CBCS) (2020 COURSE)
B.Tech.Sem - VI Information Technology : WINTER : 2023
SUBJECT : SOFTWARE TESTING & QUALITY ASSURANCE

Day : Monday

Time : 10:00 AM-01:00 PM

Date : 20-11-2023

W-24744-2023

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 labeled diagrams **WHEREVER** necessary.
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- Q.1** Enlist and explain Software testing principles. (10)
OR
Q.1 Design test plan for Library Management System. (10)
- Q.2** Enlist and explain verification techniques in detail. (10)
OR
Q.2 Design test cases for Airline Reservation System. (10)
- Q.3** Design test cases for Event Management System. (10)
OR
Q.3 Enlist and explain black box testing techniques with example. (10)
- Q.4** Discuss website testing in detail. (10)
OR
Q.4 Enlist and explain types of non-functional testing. (10)
- Q.5** Explain bug and its lifecycle in detail. (10)
OR
Q.5 Define test script. Explain process model for automation. (10)
- Q.6** Compare and contrast : (10)
i) Quality Assurance and Quality Control
ii) Functional and non-functional testing.
OR
Q.6 Explain six sigma in detail. (10)
