SB—489—2022

FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (Third Year) (Sixth Semester) EXAMINATION
JUNE/JULY, 2022
(CBCS/New Pattern)
COMPUTER SCIENCE

Paper–XIV

(Software Testing)

(Saturday, 9-7-2022)   **Time : 10.00 a.m. to 12.30 p.m.**

Time— 2½ Hours   *Maximum Marks*—40

N.B. :—   (*i*)   Attempt *All* questions.

      (*ii*)   Assume suitable data.

      (*iii*)   Figures to the right indicate full marks.

1.   (*a*)   What is software quality ? Explain the elements of software quality assurance.   15

<div align="center">Or</div>

   (*b*)   What is Software Testing ? Explain the concept of Testibility.   8

   (*c*)   Explain Basis Path Testing.   7

2.   (*a*)   Explain Unit Testing and Integration Testing in detail.   15

<div align="center">Or</div>

   (*b*)   Explain the Testing Concept of Web App.   8

   (*c*)   Discuss the guidelines of mobile app Testing.   7

3.   Write short notes on any *two* :   10

   (*a*)   ISO 9000 Quality Standards;

   (*b*)   Validation Testing;

   (*c*)   Black Box Testing;

   (*d*)   Consider the spectrum of User Interaction.