

BACHELOR OF COMPUTER APPLICATIONS (C.B.C.S.) (2014 COURSE)
B.C.A. Sem-IV :SUMMER- 2022
SUBJECT : SOFTWARE TESTING

Day : Tuesday
Date : 7/6/2022

S-11044-2022

Time : 02:00 PM-05:00 PM
Max. Marks : 60

N.B.

- 1) Attempt any **FOUR** questions from section-I and any **TWO** questions from section -II.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in **SAME** answer book.
-

SECTION - I

- Q.1** a) What is software? Explain various characteristics of it. (08)
b) Discuss various types of softwares. (07)
- Q.2** a) What is testing? Explain testing during coding stage. (08)
b) Explain in brief phases of software testing life cycle. (07)
- Q.3** a) Explain in detail V testing model. (08)
b) Discuss basis path testing in brief. (07)
- Q.4** What is client server architecture? Explain the testing of client-server architecture. (15)
- Q.5** Explain in detail system testing. (15)
- Q.6** What is block box testing? Explain methods of black box testing. (15)
- Q.7** Write short notes on any **TWO**: (15)
a) Pair testing
b) Alpha-Beta testing
c) Software inspection

SECTION - II

- Q.8** Explain in detail control structure testing. (20)
- Q.9** What is Risk? Give the characteristics of risk. Discuss in brief the types of risk. (20)
- Q.10** What is Integration testing? Explain in detail the types of integration testing. (20)

* * * * *