BACHELOR OF COMPUTER APPLICATIONS (CBCS - 2018 COURSE)
B.C.A. Sem-IV : WINTER- 2022
SUBJECT : SOFTWARE TESTING

Day : Wednesday   Time : 02:00 PM-05:00 PM

Date : 30-11-2022   **W-18778-2022**   Max. Marks : 60

N.B.

1) **Q.No. 4** from Section-I is **COMPULSORY**.
2) Attempt **ANY TWO** questions from Q.No. 1 to Q. No. 3 in Section – I.
3) Attempt **ANY TWO** questions from Q.No. 5 to Q. No. 7 in Section – II.
4) Figures to the **RIGHT** indicate **FULL** marks.
5) Answers to both the sections should be written in **SAME** answer book.

SECTION – I

Q.1	**a)**	Explain various approaches involved in Integration Testing.	**(06)**
	b)	Which are different Verification Techniques? Explain.	**(06)**

Q.2 Differentiate between the following :   **(12)**
  i) Black Box Testing and White Box Testing
  ii) Testing and Debugging.

Q.3 Define 'Software Testing'? Explain various phases of Software Testing Process.   **(12)**

Q.4 Write short notes on **ANY THREE** of the following :   **(12)**
  a) Testing Patterns
  b) Unit Testing
  c) SDLC
  d) Graph Based Testing
  e) Testing of Client Server Architecture

SECTION – II

Q.5 What is Risk? Explain various types of Risks.   **(12)**

Q.6 What is Real Time System? Explain any two testing types for it.   **(12)**

Q.7 Explain need of System Testing. What do you mean by Performance Testing?   **(12)**

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