

**B.C.A. (2010 COURSE SEM- V : SUMMER - 2018**

**SUBJECT : SOFTWARE TESTING**

Day : **Tuesday**  
Date : **24/04/2018**

**S-2018-1738**

Time : **02.00 PM TO 05.00 PM**  
Max. Marks : 70

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**N.B.:**

- 1) **Q.No.1** is **COMPULSORY**.
  - 2) Attempt **ANY FOUR** questions from **Q.No.2** to **Q.No.7**.
  - 3) Figures to the right indicate **FULL** marks.
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- Q.1** Explain black box testing in detail. [14]
- Q.2** Differentiate between following: [14]  
a) Testing and debugging  
b) Verification and validation
- Q.3** Explain following types of testing: [14]  
a) Integration testing  
b) Basis path testing
- Q.4** What is software quality assurance? Explain various SQA activities. [14]
- Q.5** What are various types of risks? Explain role of testing in Risk Management. [14]
- Q.6** a) Illustrate goals of testing. [07]  
b) Explain phases of testing process. [07]
- Q.7** Write short notes on **ANY TWO** of the following: [14]  
a) Testing pattern  
b) Unit testing  
c) Testing of client / server architecture  
d) Testing for real time system

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