

AP-566

B.C.A. (Part-III) Semester-VI Examination
SOFTWARE TESTING
Paper—6ST4

Time—Three Hours]

[Maximum Marks—60

- N.B. :—** (1) Assume suitable data wherever necessary.
- (2) Illustrate your answers with the help of neat sketches wherever necessary .

1. (a) What is Testing ? What is the need of Software Testing ? 6
- (b) Explain the phases of Software Project. 6

OR

2. (a) What is a Testing ? Explain its types. 6
- (b) Discuss verification and validation in detail. 6
3. (a) What is White-Box testing ? Explain the classification of White-Box testing. 6

(b) Explain code functional testing in detail. 6

OR

4. (a) What is Black Box Testing ? How it differs from White Box testing ? Explain. 6

(b) Explain positive and negative testing. 6

5. (a) What is a integration testing ? Explain top-down integration testing. 6

(b) Write a note on the following :

(i) Beta testing

(ii) Stress testing. 6

OR

6. (a) What is a functional system testing ? 6

(b) Explain interpretability testing. 6

7. (a) Explain acceptance testing. 6

(b) Describe performance testing in detail. 6

OR

8. (a) What factors are used for governing performance testing ? Explain. 6

(b) Explain collecting requirements in performance testing. 6

9. (a) What is a Regression testing ? Explain in detail. 6

(b) Explain the types of Regression testing. 6

OR

10. (a) What is a test planning ? Explain. 6

(b) What are the methodologies used for selecting Test Case ? Explain. 6