

Total No. of Questions : 12]

SEAT No. :

P1463

[Total No. of Pages : 2

[4164] - 705

May - June 2012 ✓

B.E. (Computer)

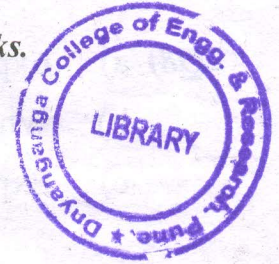
SOFTWARE TESTING AND QUALITY ASSURANCE
(2008 Pattern) (Elective - II) (Sem. - I)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates:

- 1) Answer any three questions from each section
- 2) Answers to the two sections should be written in separate books.
- 3) Neat diagrams must be drawn wherever necessary.
- 4) Figures to the right indicate full marks.
- 5) Assume suitable data, if necessary.



SECTION - I

Q1) a) Explain any four Testing Principles and provide examples where ever applicable. [8]

b) Write a short note on Software Testing. Defect Report. [8]

OR

Q2) a) What is testing? Explain the importance of Testing in software production cycle. [8]

b) Explain IEEE Test Plan with a case study and a appropriate example. [8]

Q3) a) What is a Black Box testing and explain any four Black Box testing techniques with examples. [8]

b) What is a Test case and mention a test case format assuming one example. Please mention atleast six points in the Test Case format. [8]

OR

Q4) a) Explain Requirements based testing with a example. [8]

b) Explain Boundary Value Analysis and Equivalence Partitioning. [8]

Q5) a) What is the Need of White Box testing? [6]

b) Write short notes on Loop Testing and Basis Path testing. [6]

c) What is the difference between Code Walkthrough and Code Review. [6]

OR

P.T.O.

