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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA III Year I Semester Supplementary Examinations November-2020
SOFTWARE TESTING

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a Give the difference between functional testing and structural testing. 6M
b Describe briefly about the coding and data bugs. 6M

OR

- 2 Explain White Box testing and behavioral testing. 12M

UNIT-II

- 3 Explain in brief about the transaction flow testing techniques. 12M

OR

- 4 What are data flow anomalies? How data flow testing can explore them? 12M

UNIT-III

- 5 a Explain about Domains testing. 6M
b Explain about domains and interface testing. 6M

OR

- 6 Explain various properties related to Ugly domains. 12M

UNIT-IV

- 7 a Discuss Path Sums and Path Products. 6M
b Discuss in brief applications of paths. 6M

OR

- 8 Explain Regular Expressions and Flow Anomaly detection 12M

UNIT-V

- 9 What is state graph? What are good and bad state graphs. 12M

OR

- 10 a How can a node reduction optimization are done. 6M
b Discuss the algorithm for finding set of all paths. 6M

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