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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

B.Tech II Year II Semester Supplementary Examinations Dec 2019

OBJECT ORIENTED PROGRAMMING

(CSE & CSIT)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a What are Java Selection Statements? Give an example to each one. 6M
b What is a Data Type? How to declare variable in Java? Write the Rules. 6M

OR

- 2 a Write a Java program to use Bit-wise operators. 7M
b Write a Java program to read and display the array elements. 5M

UNIT-II

- 3 a Discuss about the static, final keywords with an example. 6M
b What is Inheritance? Explain types of inheritances. 6M

OR

- 4 a What is an abstract class? Explain all the cases to implement abstract class. 6M
b Write a java program to find the factorial value of the given number using user defined package concept. 6M

UNIT-III

- 5 a What is an Exception? What are the Exception types? 6M
b Explain about Thread Life Cycle. 6M

OR

- 6 a What is a String? Explain different String declarations with an example. 7M
b Write a java program to create two threads and execute simultaneously. 5M

UNIT-IV

- 7 a Explain about Delegation Event Model in Event Handling with example. 5M
b List out any 10 AWT classes and their syntax. 7M

OR

- 8 a Write a java swing program to find the sum of two numbers. 6M
b Write a java program to read and display data from database. 6M

UNIT-V

- 9 a Discuss about socket programming in java. 6M
b Difference between JDBC and ODBC. 6M

OR

- 10 a Write a java JDBC program to display student details. 7M
b Explain about JDBC-ODBC architecture with a neat diagram. 5M

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