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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

B.Tech II Year II Semester Supplementary Examinations July-2021

OBJECT ORIENTED PROGRAMMING

(Common to CSE & CSIT)

Time: 3 hours

Max. Marks: 60

PART-A

(Answer all the Questions 5 x 2 = 10 Marks)

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|---|---------------------------------------------------|----|
| 1 | a Explain the importance of java Byte code. | 2M |
| | b State the importance of super keyword. | 2M |
| | c What is a thread and explain thread priorities. | 2M |
| | d Define Applet class. | 2M |
| | e What is a socket? | 2M |

PART-B

(Answer all Five Units 5 x 10 = 50 Marks)

UNIT-I

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|---|------------------------------------------------------------|-----|
| 2 | Explain about the Control Statements in Java with example. | 10M |
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| 3 | a What is an Array? Explain types of arrays in Java. | 5M |
| | b Write a Java program to use Bit-wise operators | 5M |

UNIT-II

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|---|---------------------------------------------------------------------------------------|----|
| 4 | a What is a Constructor? Explain types of Constructors in Java with example programs. | 5M |
| | b What is Inheritance? Explain types of inheritances. | 5M |

OR

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| 5 | a What is a package? How to create user defined package in java with example. | 5M |
| | b What is an interface? Rules to create an interface in java with example. | 5M |

UNIT-III

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| 6 | a What is an Exception? Explain types of Exception. | 5M |
| | b What is Multithreading? What are the ways to create multiple threads in java. | 5M |

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| 7 | Write a java program to create own exception for NegativeValueException if the user enter negative value. | 10M |
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UNIT-IV

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| 8 | a Write a java applet program to display Smiley Face on the Applet. | 6M |
| | b Difference between AWT and Swings. | 4M |

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| 9 | Write a java swing program to find the factorial of the given number. | 10M |
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UNIT-V

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| 10 | a Explain java networking? Explain the architecture of networking in java. | 5M |
| | b Discuss about socket programming in java. | 5M |

OR

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| 11 | a What is JDBC? Explain architecture of JDBC | 5M |
| | b What are the different JDBC Drivers used to connect with database. | 5M |

END