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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**B.Tech II Year II Semester Regular Examinations October-2020**
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 Bytecode. | 2M |
| | b Write importance of garbage collection in java. | 2M |
| | c What is a thread and explain thread priorities? | 2M |
| | d Write the general form of generic class. | 2M |
| | e Explain uses of address ports in networking. | 2M |

PART-B

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

UNIT-I

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|----------|---|-----------|
| 2 | a What is an Array? Explain types of arrays in Java. | 5M |
| | b What is an Operator? Explain type of operators in Java with examples. | 5M |

OR

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| 3 | a What are Java Selection Statements? Give example for each. | 5M |
| | b What is Conditional Operator? Give any suitable example. | 5M |

UNIT-II

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| 4 | a Discuss about the static, final keywords with an example. | 5M |
| | b What is Inheritance? Explain types of inheritance. | 5M |

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| 5 | a Write the difference between Method Overriding and Method Overloading. | 5M |
| | b Write a java program to implement inheritance concept. | 5M |

UNIT-III

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| 6 | a What is Java's Built-in Exception? Write the importance of finally block. | 5M |
| | b Explain try, catch, throw, throws and finally keywords? | 5M |

OR

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| 7 | a What is Multithreading? What are the ways to create multiple threads in java. | 6M |
| | b How to set the priority to threads? What are the different ranges? | 4M |

UNIT-IV

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| 8 | a Write a java program to implement Mouse Events. | 5M |
| | b Discuss about Source, Event and Listeners in event handling. | 5M |

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| 9 | a Difference between AWT and Swings. | 5M |
| | b Write a java swing program implement Border Layout. | 5M |

UNIT-V

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| 10 | a Write a java JDBC program to display student details. | 5M |
| | b What are the different JDBC Drivers used to connect with database. | 5M |

OR

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| 11 | a Discuss about socket programming in java. | 5M |
| | b Explain java networking. Explain the architecture of networking in java. | 5M |

END