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

B.Tech II Year II Semester Regular Examinations July 2021

OBJECT ORIENTED PROGRAMMING THROUGH JAVA

(Common to CSE & CSIT)

Time: 3 hours

Max. Marks: 60

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

UNIT-I

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|---|---|--|----|----|
| 1 | a | Explain History and Evolution of Java. | L2 | 4M |
| | b | List and Explain Java Buzz Words. | L1 | 8M |

OR

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|---|---|---|----|----|
| 2 | a | List Jump statements? Give an example for each of them. | L2 | 6M |
| | b | Describe command line arguments? Write a Program to add two numbers using command line arguments. | L6 | 6M |

UNIT-II

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|---|---|--|----|----|
| 3 | a | What is mean by OOP? Illustrate the Concepts OOP. | L4 | 6M |
| | b | Write about Garbage Collector in Java and test how it works. | L5 | 6M |

OR

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| 4 | | Write a java program to find the factorial value of the given number using user defined package concept. | L3 | 12M |
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UNIT-III

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| 5 | a | Describe how to set the priority to threads? What are the different ranges? | L3 | 6M |
| | b | Write a java program to create two threads and execute simultaneously. | L3 | 6M |

OR

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|---|---|--|----|----|
| 6 | a | Write the difference between String and String Buffer classes. | L4 | 6M |
| | b | Write a java program to sort the given names into ascending order. | L3 | 6M |

UNIT-IV

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| 7 | | Write a program illustrating following framework. | L2 | 12M |
| | | i)Array List ii)Vector iii)Hash Table iv)Stack | | |

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| 8 | | Discuss about the File Input Stream and File Output Stream in java with examples. | L1 | 12M |
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UNIT-V

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| 9 | | What is AWT? Discuss about AWT controls. | L1 | 12M |
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| 10 | | What is double colon operator? Explain and how to use double colon operator. | L5 | 12M |
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