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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

B.Tech II Year II Semester Regular Examinations July-2021**JAVA PROGRAMMING**

(Open Elective-II)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)**UNIT-I**

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|---|--|----|----|
| 1 | a Explain the History and Evolution of Java. | L2 | 6M |
| | b Summarize Java Buzz Words. | L2 | 6M |

OR

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|---|--|----|----|
| 2 | a Write a Java program to interchange the values without using a temporary variable. | L3 | 6M |
| | b Discuss bit-wise operators in Java with examples. | L3 | 6M |

UNIT-II

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|---|--|----|----|
| 3 | a What is meant by OOP? Explain OOP Concepts. | L2 | 6M |
| | b Explain in detail about Garbage Collector in Java. | L3 | 6M |

OR

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|---|--|----|----|
| 4 | a Define a package and explain how to create user defined package in Java with example. | L2 | 6M |
| | b Write a Java program to find the factorial value of the given number using user defined package concept. | L3 | 6M |

UNIT-III

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|---|---|----|----|
| 5 | a Explain Java exception hierarchy. | L2 | 6M |
| | b What is meant by Uncaught Exception? Give an example. | L1 | 6M |

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| 6 | a Demonstrate Nested try statements with an example. | L2 | 6M |
| | b List Java's Built-in Exceptions and explain the importance of finally block. | L3 | 6M |

UNIT-IV

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|---|---|----|----|
| 7 | a What is Multithreading? Describe the ways to create multiple threads in Java. | L1 | 6M |
| | b Explain about Thread Life Cycle. | L2 | 6M |

OR

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| 8 | a Define Daemon Threads and explain with an example. | L2 | 6M |
| | b Write a Java program to implement join() method in multithreading. | L3 | 6M |

UNIT-V

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|---|--|----|----|
| 9 | a Write a Java program to implement Mouse Events. | L6 | 6M |
| | b Discuss about Source, Event and Listeners in event handling. | L6 | 6M |

OR

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| 10 | a Distinguish between AWT and Swings. | L4 | 6M |
| | b Create a Java swing program implement Border Layout. | L6 | 6M |

*** END ***