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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech II Year II Semester Supplementary Examinations February-2022
JAVA PROGRAMMING
(Open Elective-II)

Time: 3 hours

Max. Marks: 60

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

- 1 a Define a Data Type. Criticize the declaration of a variable in Java. 6M
 b What is Byte Code? Interpret the different states of Java Program. 6M

OR

- 2 a Describe the types of arrays in Java with examples. 6M
 b Write a Java program to read and display the array elements in order. 6M

UNIT-II

- 3 a Recall Inheritance and Illustrate the types of inheritances in Java. 6M
 b Write a Java program to implement multilevel inheritance concept. 6M

OR

- 4 a Discuss about the super keyword in java with example. 6M
 b Compare Method Overriding and Method Overloading. 6M

UNIT-III

- 5 a Explain about creating your own Exception clauses in Java. 6M
 b Can we have an empty catch block? Justify. 6M

OR

- 6 a Summarize about chained Exceptions in Java. 6M
 b Evaluate what happens when an exception is thrown by main method. 6M

UNIT-IV

- 7 a Discuss how to set the priority to threads? What are the different ranges? 6M
 b Write a Java program to create two threads and execute simultaneously. 6M

OR

- 8 a Write the difference between String and StringBuffer classes. 6M
 b Create a Java program to sort the given names into ascending order. 6M

UNIT-V

- 9 a Write a Java program to implement Key events. 6M
 b Explain about the AWT Menu design. 6M

OR

- 10 Explain the following layout managers. 12M
 (i)Border layout. (ii)Grid Layout (ii) Flow Layout

*** END ***