

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

B.Tech II Year II Semester Supplementary Examinations May/June-2024

JAVA PROGRAMMING

(Open Elective-II)

Time: 3 Hours

Max. Marks: 60

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

UNIT-I

- 1 a What is Byte Code? Interpret the different states of Java Program execution? CO1 L5 6M
b Write a Java program to interchange the values without using temporary variable. CO1 L3 6M

OR

- 2 a What is an Array? Explain types of arrays in Java with example. CO1 L2 6M
b Write a Java program to read and display the array elements in order. CO1 L2 6M

UNIT-II

- 3 a Define Class, Method and Object? Show the syntax to define these in java. CO2 L2 6M
b What is a Constructor? Explain types of Constructors in Java? Write a java program to find the Area of Circle using Constructor. CO2 L2 6M

OR

- 4 a Discuss in detail about Abstract Classes in Java CO2 L2 6M
b What is an interface? List the rules to create an interface in java with example. CO2 L1 6M

UNIT-III

- 5 a What is a Java Exception and its Types. CO4 L1 6M
b Explain about try, catch, statements with examples. CO4 L2 6M

OR

- 6 a Summarize in detail about chained Exception. CO4 L2 6M
b Evaluate what happens when an exception is thrown by main method. CO4 L5 6M

UNIT-IV

- 7 a Define Daemon Threads? Explain with an example. CO5 L2 6M
b Write a java program to implement join() method in multithreading. CO5 L3 6M

OR

- 8 a Define String? Explain different String declarations with an example. CO5 L4 6M
b Write a java program to check the given string is palindrome or not. CO5 L4 6M

UNIT-V

- 9 a Write a java program to implement Key events. CO6 L3 6M
b Explain about the AWT Menu design. CO6 L5 6M

OR

- 10 a Differentiate between AWT and Swings. CO6 L4 6M
b Create a java swing program implement Border Layout. CO6 L6 6M

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