

ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY

(Permanently Affiliated to JNTUK, Kakinada, Approved by AICTE, New Delhi, Accredited by NAAC-UGC)
Aditya Nagar, ADB Road, Surampalem,

II B. TECH - II SEMESTER (2021-22), II MID EXAMINATION

DEPARTMENT OF INFORMATION TECHNOLOGY

Sub Name: JAVA PROGRAMMING

(R-20) - QUESTION BANK

UNIT-3

1. What are the benefits of inheritance? Explain various forms of inheritance with suitable code segments
2. Explain applications of super keyword with an example.
3. What is abstract class? Explain with an example.
4. Give a detail note on interfaces in java with examples.
5. What is interface? Write a java program to implement multiple inheritance in java.

UNIT-4

1. Write a JAVA program that import and use the defined your package.
2. How can we add a class to a package? Write about relative and absolute paths
3. What is Auto-boxing and Auto-unboxing?
4. Explain about Java util Classes and Interfaces.
5. Explain the Exception handling keywords with an example.
6. Demonstrate nested try and final statements in exceptional handling
7. Write a JAVA program for creation of User Defined Exception

UNIT-5

1. What is string? Explain the following with an example.
 - a. Methods for Extracting Characters from Strings
 - b. Methods for Comparison of Strings
 - c. Methods for Modifying Strings
2. Explain the difference between String and String Buffer/String Builder.
3. Explain the ways to create threads in java.
4. Discuss various states in the life cycle of an thread in detail.
5. What is thread Synchronization? Explain with an example.