

## **Question Bank**

### **Module 3**

#### **Object Oriented Programming using Java (21CIC34)**

**Semester:3rd**

**Session : July-Dec 2022**

1. What is string? Explain the two ways of creating String object. Illustrate how the string object created using String and StringBuffer class constructors. ( CO3)
2. Distinguish between String and StringBuffer class. ( CO3)
3. Demonstrate the different methods used in String class with an example. ( CO3)
4. Demonstrate the methods used in StringBuffer class for inserting, deleting and appending operations. ( CO3)
5. What is String Tokenizer? Illustrate the various methods used in StringTokenizer class with an example. (CO3)
6. What is an exception? Explain java's exception hierarchy and the mechanism of exception handling with an example. ( CO3)
7. Define Exception. Explain the different types of exception. Demonstrate the working of try and catch statement. ( CO3)v
8. Mention some of java's checked exceptions and unchecked exceptions. ( CO3)
9. Demonstrate the working of nested try blocks with example. ( CO3)
10. Demonstrate the working multiple catch statements with example. ( CO3)
11. Create a try block that is likely to generate three types of exception and incorporate necessary catch blocks to catch and handle them. ( CO3)
12. Discuss the differences between checked and unchecked exceptions. ( CO3)
13. Why do you use throws clause in exception handling? Explain with an example. ( CO3)
14. Write short notes on: 1. finally block 2. throws 3. throw
15. Explain the differences between throw and throws keywords in java ( CO3)
16. Explain with an example, how to create and handle user defined exception. ( CO3)