Question Bank
C4 CS _MINOR OOPS WITH JAVA
BSC BIO & BBA – SEM 4

UNIT 1
(Marks 5)

1. Explain API
2. What is JDB
3. Explain scope of variables in java
4. Explain types of constants in java

(Marks 10)

1. Give an introduction to OOPS Programming.
2. Explain Procedure oriented paradigm and object oriented paradigm.
3. Write about java buzz words
4. Explain java data types
5. Write about java operators

UNIT 2
(Marks 5)

1. Write about class and objects in java.
2. Write about static features of java
3. Explain about constructors.
4. Write about this keyword
5. Explain switch-case in java

(Marks 10)

1. Explain OOPS concepts
2. Write about if-else branching
3. Explain iteration
4. How to create and manipulate arrays in java
5. Write about strings in java with 5 methods

UNIT 3
(Marks 5)

1. Write about runtime polymorphism.
2. What is method overriding?
3. Explain protected and default features in java
4. Explain private and public features in java

(Marks 10)

1. Write about overloading methods
2. Explain Inheritance concepts in java
3. Write about abstract classes in java
4. Explain about multiple inheritance of interfaces.
5. Write about excapsulation

UNIT 4
(Marks 5)

1. Explain try-catch-finally syntax

2. Write about any 5 Runtime Exception classes
3. Write about throw and throws keywords in java
4. Explain Thread Priorities
5. Explain dead lock

(Marks 10)

1. Give an introduction and benefits of exceptions
2. Explain different types of exceptions in java
3. Explain user defined exceptions with example
4. Explain a thread and how to use it.
5. Explain about Thread class and its methods.
6. Write about inter Thread Communication

UNIT 5

(Marks 5)

1. Write about reading writing data from console.
2. Explain byte streams
3. Explain char streams
4. Write about different JDBC drivers
5. Write about ResultSet interface.

(Marks 10)

1. Write about different types of streams in java
2. Write about File Streams in java
3. Explain 2 tiered architecture
4. Explain working with JDBC
5. Explain basic CRUD operations.