

BACHELOR OF SCIENCE (INFO. & TECH.) Examination  
BSCIT Semester - 4 APRIL 2025 ( Regular ) APRIL - 2025

CS-22: PROGRAMMING WITH JAVA

Faculty Code : 003

Subject Code : 23SI-BSCIT-MA-04-08001

Time : 2 Hours]

[Total Marks : 50

- Q.1 (A) 1) Java is developed by ..... 3  
2) J2ME stands for .....  
3) IIB stands for .....
- Q.1 (B) 1) Explain java tokens 2
- Q.1 (C) 1) Write a short note on method overloading 5  
OR
- Q.1 (A) 1) J2EE stands for ..... 3  
2) JDK stands for .....  
3) IDE stands for .....
- Q.1 (B) 1) What is constructor? Explain types of constructor 2
- Q.1 (C) 1) What is OOP? Explain concepts of OOP 5
- Q.2 (A) 1) ..... is the universal class in java 3  
2) Which package is used for Gregorian Calendar?  
3) Which package is used for Wrapper class?
- Q.2 (B) 1) Explain Wrapper Class 2
- Q.2 (C) 1) Write a short note on String Tokenizer 5  
OR
- Q.2 (A) 1) Which package is used for StringBuffer class? 3  
2) Which package is used for Random class?  
3) ..... in Java is a blueprint of a class.
- Q.2 (B) 1) Explain abstract class 2
- Q.2 (C) 1) Explain how to create user define package 5
- Q.3 (A) 1) Which method causes currently executing thread object to temporarily pause and 3  
allow other threads to execute?  
2) The active state of thread contains ..... and ..... states  
3) Which keyword is used to write the code that must be compulsory executed in  
exception handling?
- Q.3 (B) 1) Explain exception handling with all its keywords 2
- Q.3 (C) 1) Write a short note on Stream Tokenizer class 5  
OR

Q.3 (A)	1) Which package contains all the class for input and output operations? 2).....is the capability to control the access of multiple threads to any shared resource. 3) Which method of thread class is called on the start () of thread?	3
Q.3 (B)	1) Differentiate Byte Stream and Character Stream	2
Q.3 (C)	1) Write a short note on Thread Synchronization	5
Q.4 (A)	1) In javafx, .....pane lays all the nodes one after another in the order they were added 2) Which package is used in javafx for color class? 3) Which package is used in javafx for font class?	3
Q.4 (B)	1) Explain Color and Font class	2
Q.4 (C)	1) Write a short note on Image and Image View class OR	5
Q.4 (A)	1) Which package is used in javafx for animation? 2) Which package is used in javafx for drawing different shapes? 3) Which pane in javafx creates flexible grid of rows and columns and position each node in exact place?	3
Q.4 (B)	1) Explain anonymous inner class	2
Q.4 (C)	1) Write a short note on animation	5
Q.5 (A)	1) What is Scrollbar? 2) What is Button? 3) Which package is used for multimedia in javafx?	3
Q.5 (B)	1) What is labeled and label?	2
Q.5 (C)	1) Write a short note on multi media in javafx OR	5
Q.5 (A)	1) Which package is used for javafx UI controls? 2) What is slider? 3) What is TextArea?	3
Q.5 (B)	1) Explain RadioButton and Checkbox	2
Q.5 (C)	1) Explain listview and combobox	5