

GEETANJALI COLLEGE OF COMPUTER SCIENCE & COMMERCE (BBA)
PRELIMINARY EXAM
BCA/B.SC.I.T SEM – 4

SUBJECT : CS – 22 JAVA PROGRAMMING**DATE :****TIME : 2 Hours.****MARKS : 50****Q:1 (A) Answer in one sentence. (03)**

- 1 IIB Stands for _____.
- 2 JVM Stands for _____.
- 3 JRE Stands for _____.

Q: 1 (B) Answer in two or three sentences. (Any One) (02)

- 1 List and Explain JDK Tools
- 2 List types of Operator of JAVA explain any one in details.

Q: 1 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 What is Constructor? List Types of Constructors, Explain any one with Example.
- 2 What is Inheritance? List Types of Inheritance. Explain any one with Example.

OR**Q:1 (A) Answer in one sentence. (03)**

- 1 OOP Stands for _____.
- 2 IDE Stands for _____.
- 3 What is NetBeans?

Q: 1 (B) Write down the answer of following questions. (Any One) (02)

- 1 Explain Jagged Array with Example.
- 2 Explain Varargs with Example.

Q: 1 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 Explain Command Line Argument with Example.
- 2 Explain Static and Non-Static members.

Q:2 (A) Answer in one sentence. (03)

- 1 _____ is the default package imported in .Java file.
- 2 _____ is the super class of all Java classes.
- 3 Private data members are always inherits in sub class (True/False).

Q: 2 (B) answer in two or three sentences. (Any One) (02)

- 1 Explain method overriding.
- 2 Explain Normal import and Static import.

Q: 2 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 What is Package? List Built-in packages, explain any one in detail.
- 2 Explain access specifiers.

OR**Q:2 (A) Answer in one sentence. (03)**

- 1 List any three methods of String class.
- 2 _____ is the default access specifier for java variables.

3 Interface is used to achieve multiple Inheritance (True/False)

Q: 2 (B) Write down the answer of following questions. (Any One) (02)

- 1 Explain abstract modifier.
- 2 Explain final modifier.

Q: 2 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 Explain Collections of Java.
- 2 Explain Wrapper Classes.

Q:3 (A) Answer in one sentence. (03)

- 1 What is exception?
- 2 What is Thread?
- 3 What is Character Stream?

Q: 3 (B) Write down the answer of following questions. (Any One) (02)

- 1 Explain Thread Synchronizing.
- 2 Explain File Class.

Q: 3 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 Explain FileWriter Class with Example.
- 2 Explain InputStream Class with Example.

OR

Q:3 (A) Answer in one sentence. (03)

- 1 What is Byte Stream?
- 2 List Methods of Thread Class.
- 3 List Built in Exceptions

Q: 3 (B) answer in two or three sentences. (Any One) (02)

- 1 Explain Deamon Thread and Non-Deamon Thread.
- 2 List Built-in Exception Classes, explain any one with example.

Q: 3 (D) Write down the answer of following questions in detail. (Any One) (05)

- 1 Explain FileReader Class with Example.
- 2 Explain OutputStream Class with Example.

Q:4 (A) Answer in one sentence. (04)

- 1 Who is the Developer of JavaFX?
- 2 All JavaFX application class extends with _____
- 3 RIA Stands for _____

Q: 4 (B) answer in two or three sentences. (Any One) (02)

- 1 Explain Color class.
- 2 Explain Font class.

Q: 4 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 Explain JavaFX Architecture.

2 Explain Features of JavaFX.

OR

Q:4 (A) Answer in one sentence. (04)

- 1 List JavaFX application life cycle.
- 2 What is JavaFX?
- 3 UI Stands for _____.

Q: 4 (B) answer in two or three sentences. (Any One) (02)

- 1 Explain JavaFX Shapes.
- 2 Explain JavaFX Effects.

Q: 4 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 Explain JavaFX Layouts
- 2 Explain JavaFX Application Structure.

Q:5 (A) Answer in one sentence. (03)

- 1 Button class contained in _____ package
- 2 To start JavaFX Application we need to call _____ method Main().
- 3 _____ method of Stage class is used to set scene.

Q: 5 (B) answer in two or three sentences. (Any One) (02)

- 1 Explain types of Events.
- 2 Explain Slider

Q: 5 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 Differentiate between ListView and ComboBox
- 2 Write a JavaFX code to play Video file.

OR

Q:5 (A) Answer in one sentence. (03)

- 1 Layout classes are contained in _____ package
- 2 _____ event occurs when we click on Button.
- 3 List Constructors of Label Class.

Q: 5 (B) answer in two or three sentences. (Any One) (02)

- 1 Explain TextField.
- 2 Explain TextArea.

Q: 5 (C) Write down the answer of following questions in detail. (Any One) (05)

- 1 Write a JavaFX code to play Audio file.
- 2 Differentiate between Checkbox and RadioButton.