



2301-BCAP-MA-04-08001

Seat No. \_\_\_\_\_

BACHELOR OF COMPUTER APPLICATION Examination

BCA Semester - 4 APRIL 2025 ( Regular ) APRIL - 2025

CS-22: PROGRAMMING WITH JAVA

Faculty Code : 003

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

Time : 2 Hours]

[Total Marks : 50

- Q.1 (A) 1) Full form of JVM.  
2) Full form of JDK.  
3) Full form of JRE.

Q.1 (B) what is JAVA IDE?

Q.1 (C) Explain JAVA Tokens.

OR

Q.1 (A) 1) what is enum?.

2) what is array?.

3) what is JAVAC?.

Q.1 (B) what is jumping statement?

Q.1 (C) Explain looping statement in JAVA.

Q.2 (A) 1) Full form of API.

2) Full form of OOP.

3) Full form of io.

Q.2 (B) explain Access Specifiers.

Q.2 (C) Explain java.util Package Classes.

OR

Q.2 (A) 1) What is Universal class?.

2) Full form of AWT.

3) What is Final Class?

Q.2 (B) What is User-Defined package?

Q.2 (C) Explain java.lang Package Classes.

Q.3 (A) 1) what is writeln method?

2) \_\_\_\_\_ class is used to read and write bytes in a file?.

3) \_\_\_\_\_ streams provide functionally for threads to communicate and exchange data between them.

Q.3 (B) what is thread class?

Q.3 (C) Explain StreamTokenizer Class with detail.

OR

- Q.3 (A) 1) \_\_\_\_\_ keywords is used to manually throw an exception?. 3  
 2) Full form of EOF.  
 3) \_\_\_\_\_ exception is thrown by the read( ) method of InputStream class..
- Q.3 (B) what is stream? 2
- Q.3 (C) Explain FileInputStream and FileOutputStream with detail. 5
- Q.4 (A) 1) Full form of JAVAFX. 3  
 2) \_\_\_\_\_ class is extended to make any JavaFX application?.  
 3) \_\_\_\_\_ method is used to add scene to stage?.
- Q.4 (B) what is JAVAFX? 2
- Q.4 (C) Explain inner class with JAVAFX. 5
- OR
- Q.4 (A) 1) \_\_\_\_\_ class represents a window?. 3  
 2) \_\_\_\_\_ method will called by launch() of Application class in JavaFX?.  
 3) Full form of UI.
- Q.4 (B) What is Panes? 2
- Q.4 (C) Explain Property Binding. 5
- Q.5 (A) 1) Can a Circle or other Shape object be placed directly one the Stage? (Yes/No). 3  
 2) Full form of GUI.  
 3) What is the base class for UI controls in JavaFX?
- Q.5 (B) what is label? 2
- Q.5 (C) Explain use of textfield in JAVAFX. 5
- OR
- Q.5 (A) 1) \_\_\_\_\_ package is required to load images in JavaFX?. 3  
 2) The \_\_\_\_\_ layout arranges all the nodes in our application in a single horizontal row.  
 3) The \_\_\_\_\_ layout arranges all the nodes in our application in a single vertical column.
- Q.5 (B) what is audio and video? 2
- Q.5 (C) Explain use of button in JAVAFX. 5