



BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY) (W.E.F. 2019) BSCIT (2019) Semester - 4 Examination

BSC IT - 4 April-2023

CS-19 PROGRAMMING WITH JAVA :

003

Subject Code : 0032044001-CS19

Time : 2.5Hours]

[Total Marks : 70

- 1 (A) Answer the following: 4
- 1 Full form of IIB.
 - 2 Syntax of for loop in java.
 - 3 What is method overloading?
 - 4 Use of return statement.
- (B) Answer in brief (Any one out of two) 2
- 1 Explain static member.
 - 2 Explain JRE.
- (C) Answer in detail (Any one out of two) 3
- 1 Explain rectangular array.
 - 2 Explain OOP concept with example.
- (D) Write a note on (Any one out of two) 5
- 1 Explain Overloading method with example.
 - 2 Explain decision statement with example.
- 2 (A) Answer the following: 4
- 1 Use of nested class.
 - 2 Use of math class.
 - 3 What is interface?
 - 4 Explain protected Access Specifies.
- (B) Answer in brief (Any one out of two) 2
- 1 Explain doing inheritance.
 - 2 Explain Random in java.util package class.

- (C) Answer in detail (Any out of two) 3
- 1 Difference between Abstract and final class.
 - 2 Explain string and bufferstring in java.lang package class.
- (D) Write a note on (Any one out of two) 5
- 1 Explain user define package with example.
 - 2 Explain method overriding with example.
- 3 (A) Answer the following: 4
- 1 What is Stream?
 - 2 Finally keyword is used to _____.
 - 3 Use of FileOutputStream.
 - 4 Explain InputStream class.
- (B) Answer in brief (Any one out of two) 2
- 1 Explain Deamon thread.
 - 2 Explain character stream.
- (C) Answer in detail (Any one out of two) 3
- 1 Explain thread life cycle.
 - 2 Explain randomAccessFile class.
- (D) Write a note on (Any one out of two) 5
- 1 Explain ObjectInputStream and ObjectOutputStreams.
 - 2 Explain thread class and is method.
- 4 (A) Answer the following: 4
- 1 What is applet in java?
 - 2 Which method is use to destroy applet in java?
 - 3 Who responsible to manage the life cycle of an applet?
 - 4 How many way to run applet?
- (B) Answer in brief (Any one out of two) 2
- 1 Explain GridLayout.
 - 2 Explain Graphics class.
- (C) Answer in detail (Any one out of two) 3
- 1 Explain Applet life cycle.
 - 2 Explain SprigLayout with example.
- (D) Write a note on (Any one out of two) 5

- 1 Explain NO LAYOUT Manager.
- 2 Explain BorderLayout with example.

5 (A) Answer the following:

4

- 1 Full form of AWT.
- 2 What is An Adapter-Class?
- 3 Use of Event Listener in java.
- 4 Full form of JFC.

(B) Answer In brief (Any one out of two)

2

- 1 Explain JButton.
- 2 Explain MouseEvent.

(C) Answer in detail (Any one out of two)

3

- 1 Difference between AWT and Swing.
- 2 Difference between JTextField and JTextArea

(D) Write a note on (Any one out of two)

5

- 1 Explain Menus with Example.
- 2 Explain Adapter classes with example.

230727852