



DAF-003-2044001

Seat No. _____

B. Sc. (IT) (Sem. IV) Examination

April - 2022

CS-19 : Programming With Java

Faculty Code : 003

Subject Code : 2044001

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Answer the following: **4**
- (1) Full form of IIB.
 - (2) How many types of Array use in java ?
 - (3) What is method overloading?
 - (4) Use of break statement.
- (B) Answers in brief : (Any one out of two) **2**
- (1) Explain finalize() method.
 - (2) Explain JVM.
- (C) Answers in detail : (Any one out of two) **3**
- (1) Explain jagged array.
 - (2) Explain do-while statement with example.
- (D) Write a note on : (Any one out of two) **5**
- (1) Explain Overloading constructor with example.
 - (2) Explain OOP concepts with example.
- 2 (A) Answer the following : **4**
- (1) Use of inner class.
 - (2) Use of wrapper class.
 - (3) What is Inheritance?
 - (4) What is method overriding?
- (B) Answers in brief : (Any one out of two) **2**
- (1) Explain doing inheritance.
 - (2) Explain String Buffer class.

- (C) Answers in detail : (Any one out of two) **3**
 (1) Explain Abstract and Final class.
 (2) Explain sortedset in java.util package class.
- (D) Write a note on : (Any one out of two) **5**
 (1) Explain user define package with example.
 (2) Explain Normal and static import with example.
- 3** (A) Answer the following: **4**
 (1) What is Exception Handling?
 (2) Throws keyword is used to _____.
 (3) Use of public void setDaemon(boolean status)
 (4) Explain OutputStream class.
- (B) Answers in brief : (Any one out of two) **2**
 (1) Explain multithreading.
 (2) Explain Piped streams.
- (C) Answers in detail : (Any one out of two) **3**
 (1) Explain try, catch and finally.
 (2) Explain randomAccessFile class.
- (D) Write a note on : (Any one out of two) **5**
 (1) Explain Reading and Writing through byte stream class.
 (2) Explain thread class and its method.
- 4** (A) Answer the following: **4**
 (1) What is applet in java?
 (2) Which method is use to stop applet in java.
 (3) Who is responsible to manage the life cycle of an applet?
 (4) Which method is use to draw specify image in applet.
- (B) Answers in brief : (Any one out of two) **2**
 (1) Explain FlowLayout.
 (2) Explain BorderLayout.
- (C) Answers in detail : (Any one out of two) **3**
 (1) Explain Applet life cycle.
 (2) Explain GridLayout.
- (D) Write a note on : (Any one out of two) **5**
 (1) Explain implement and Executing applet with parameter.
 (2) Explain BorderLayout with example.

- 5** (A) Answer the following: **4**
- (1) Full form of AWT.
 - (2) What Is An Adapter-Class?
 - (3) How many types of listener interfaces in java.
 - (4) Explain itemStateChanged() method.
- (B) Answers in brief : (Any one out of two) **2**
- (1) Explain JTextField.
 - (2) Explain MouseEvent.
- (C) Answers in detail : (Any one out of two) **3**
- (1) Difference between AWT and Swing.
 - (2) Difference between JFrame and JPanel
- (D) Write a note on : (Any one out of two) **5**
- (1) Explain Event packages with Example.
 - (2) Explain JFileChooser with example.
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