



DAJ-003-2014010

Seat No. _____

B. Sc. (Sem. IV) (W.E.F. 2019) (CBCS) Examination

April - 2022

C-401 : Computer Application

(Programming With JAVA)

Faculty Code : 003

Subject Code : 2014010

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

[Total Marks : 70

- 1 (a) Attempt following questions : 4
- (1) Full form of JDK.
 - (2) Full form of JVM.
 - (3) Full form of JRE.
 - (4) Full form of OOP.
- (b) Answer in brief : (any one out of two) 2
- (1) Define array in Java.
 - (2) List data types used in Java.
- (c) Answer in detail : (any one out of two) 3
- (1) Explain Java tokens.
 - (2) Explain break, continue.
- (d) Write a note on : (any one out of two) 5
- (1) Explain decision statements in Java.
 - (2) Explain method overloading in Java.
- 2 (a) Attempt following questions : 4
- (1) Full form of awt is _____
 - (2) The this keyword is used to _____
 - (3) To inherit from a class _____ keyword is used.
 - (4) Java does not support _____ inheritance.

- (b) Answer in brief : (any one out of two) **2**
- (1) What is package?
 - (2) Define static keyword.
- (c) Answer in detail : (any one out of two) **3**
- (1) Explain method overriding in Java.
 - (2) Explain wrapper class.
- (d) Write a note on : (any one out of two) **5**
- (1) Explain random class.
 - (2) Explain Inheritance with example:
- 3** (a) Attempt following questions : **4**
- (1) _____ class is used for threading.
 - (2) To use inputstream class we need to use _____ package.
 - (3) For to use Thread we need to inherit _____
 - (4) File input stream class can be defined as _____
- (b) Answer in brief : (any one out of two) **2**
- (1) Explain stream input.
 - (2) Explain stream output.
- (c) Answer in detail : (any one out of two) **3**
- (1) Explain FileOutputStream class
 - (2) Explain FileWriter class.
- (d) Write a note on : (any one out of two) **5**
- (1) Explain multithreading with example.
 - (2) Explain thread life cycle.
- 4** (a) Attempt following questions : **4**
- (1) _____ is used to initialize the Applet.
 - (2) _____ is used to draw the specified string.
 - (3) _____ is used to draw line between the points (x1, y1) and (x2, y2)
 - (4) JFC stands for _____

- (b) Answer in brief : (any one out of two) **2**
- (1) How cardlayout work?
 - (2) How borderlayout work?
- (c) Answer in detail : (any one out of two) **3**
- (1) Explain menu.
 - (2) Explain menu bars.
- (d) Write a note on : (any one out of two) **5**
- (1) Explain applet life cycle.
 - (2) Explain FlowLayout and GridLayout.
- 5** (a) Attempt following questions : **4**
- (1) _____ package is used for event handling.
 - (2) For to use ActionEvent class _____ listener can be used.
 - (3) For to use KeyEvent class _____ listener can be used.
 - (4) For to use FocusAdapter class _____ listener can be used.
- (b) Answer in brief : (any one out of two) **2**
- (1) Explain event packages.
 - (2) Explain ItemEvent.
- (c) Answer in detail : (any one out of two) **3**
- (1) Explain ActionListener.
 - (2) Explain Event delegation model.
- (d) Write a note on : (any one out of two) **5**
- (1) Explain Key Adaptor.
 - (2) Explain MouseAdaptor.
