



JAF-P3010 Seat No. _____
M. C. A. (Sem. III) (CBCS) Examination
November – 2019
Core Java
(New Course)

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

[Total Marks : 70

- 1 (A) Objective Type Questions : 4
- (1) _____ is the founder of Java Language.
 - (2) What is the old name of Java Language?
 - (3) Give the full form OOP.
 - (4) Which method is used for garbage collection in java ?
- (B) Answer the following : (any one) 2
- (1) What is Java?
 - (2) What is Object?
- (C) Attempt the following : (any one) 3
- (1) Explain features of Java.
 - (2) Write the features of Java.
- (D) Answer in Brief : (any one) 5
- (1) Write a note on Constructor.
 - (2) Write a note on method overloading.
- 2 (A) Objective Type Questions : 4
- (1) _____ keyword creates a package in Java.
 - (2) Interfaces can be instantiated ?[true or false]
 - (3) All interface methods must be declared as public when implemented in a class [true or false].
 - (4) Which of these keywords must be used to monitor for exceptions?
- (B) Answer the following : (any one) 2
- (1) What is class path?
 - (2) Definition: package.

- (C) Answer in detail : (any one) 3
- (1) Explain access protection in java.
 - (2) How to create your own exception sub class in java?
- (D) Answer in Brief : (any one) 5
- (1) Write a note on Exception Handling.
 - (2) Explain interface in detail.
- 3** (A) Objective Type Questions : 4
- (1) _____ method set thread priorities.
 - (2) Write the Thread class full qualified package name.
 - (3) What is the constant value of NORM PRIORITY?
 - (4) _____ method run thread in java.
- (B) Answer in brief : (any one) 2
- (1) What is Synchronization?
 - (2) Definition : Thread.
- (C) Answer in detail : (any one) 3
- (1) How many ways to create thread in java?
 - (2) Write a note on Thread Exception.
- (D) Answer the following : (any one) 5
- (1) Differentiate : Thread class and Runnable interface
 - (2) Write a note on Thread Life Cycle.
- 4** (A) Objective Type Questions : 4
- (1) Applets are not allowed to have constructors due to security reasons[true or false].
 - (2) Write the fully qualified path of Applet.
 - (3) Which of these packages contains all the classes and methods required for even handling in Java?
 - (4) Which of these class is super class of all the events?
- (B) Answer in brief : (any one) 2
- (1) What is Event ?
 - (2) Definition : Applet.

- (C) Answer in detail : (any one) 3
- (1) Explain AppletContext.
 - (2) Write a note on Graphics class.
- (D) Answer the following : (any one) 5
- (1) List and Explain types of Event.
 - (2) Explain Applet Life Cycle.
- 5** (A) Objective Type Questions : 4
- (1) Give the full form of awt.
 - (2) Which is the container that doesn't contain title bar and MenuBars but it can have other components like button, textfield etc?
 - (3) Which of these packages contain classes and interfaces used for input & output operations of a program?
 - (4) A stream is a sequence of data. In Java a stream is composed of _____.
- (B) Answer in brief : (any one) 2
- (1) What is StreamTokenizer ?
 - (2) What is Canvas ?
- (C) Answer in detail : (any one) 3
- (1) Explain RandomAccess.
 - (2) What is the difference between Character and Byte directive and include action?
- (D) Answer the following : (any one) 5
- (1) Write a note on Layout Manager in awt.
 - (2) Write a note on Scrollbar in detail.
-