SUBJECT : CS – 19 JAVA PROGRAMMING   DATE   :

TIME   :   2 ½ Hours.   MARKS : 70

Q:1 (A) Answer in one sentence.   (04)
1 IIB Stands for _____.
2 IDE Stands for _____.
3 JVM Stands for _____.
4 JRE Stands for _____.

Q: 1 (B) Answer in two or three sentences. (Any One)   (02)
1 List and Explain JDK Tools
2 List types of Operator of JAVA explain any one in details.

Q: 1 (C) Write down the answer of following questions. (Any One)   (03)
1 Explain Jagged Array with Example.
2 Explain Varargs with Example.

Q: 1 (D) Write down the answer of following questions in detail. (Any One) (05)
1 What is Constructor? List Types of Constructors, Explain any one with Example.
2 What is Inheritance? List Types of Inheritance. Explain any one with Example.

Q:2 (A) Answer in one sentence.   (04)
1 _____ is the default package imported in .Java file.
2 _____ is the super class of all Java classes.
3 _____ is the default access specifier for java variables.
4 Private data members are always inherits in sub class (True/False).

Q: 2 (B) answer in two or three sentences. (Any One)   (02)
1 Explain method overriding.
2 Explain Normal import and Static import.

Q: 2 (C) Write down the answer of following questions. (Any One)   (03)
1 Explain abstract modifier.
2 Explain final modifier.

Q: 2 (D) Write down the answer of following questions in detail. (Any One) (05)
1 What is Package? List Built-in packages, explain any one in detail.

2 Explain access specifiers.

Q:3 (A) Answer in one sentence.   (04)
1 What is exception?
2 What is Thread?
3 What is Character Stream?
4 What is Byte Stream?

Q: 3 (B) answer in two or three sentences. (Any One)   (02)
1 Explain Deamon Thread and Non-Deamon Thread.
2 List Built-in Exception Classes, explain any one with example.

Q: 3 (C) Write down the answer of following questions. (Any One)   (03)
1 Explain Thread Synchronizing.
2 Explain File Class.

Q: 3 (D) Write down the answer of following questions in detail. (Any One) (05)
1 Explain FileWriter Class with Example.

2 Explain InputStream Class with Example.

Q:4 (A) Answer in one sentence. (04)
   1 _____ is the super class of Applet.
   2 What is AppletViewer?
   3 Output of Applets can be viewed in _____ and _____.
   4 _____ method is used to set Colors on Applet.

Q: 4 (B) answer in two or three sentences. (Any One) (02)
   1 Differentiate between Applet and JApplet
   2 Write code to display Image on Applet.

Q: 4 (C) Write down the answer of following questions. (Any One) (03)
   1 Explain Graphic Class.
   2 Write program that demonstrate parameter passing through HTML file.

Q: 4 (D) Write down the answer of following questions in detail. (Any One) (05)
   1 Explain Applet Life Cycle.
   2 List Layouts, explain any one with Example.

Q:5 (A) Answer in one sentence. (04)
   1 _____ is the super class of all AWT Components.
   2 _____ is the super class of Frame Class.
   3 AWT components are lightweight (True/False)
   4 The object of _____ class represents a dialog window from which the user can select file.

Q: 5 (B) answer in two or three sentences. (Any One) (02)
   1 What is Adapter Classes?
   2 Explain JFrame and JPanel.

Q: 5 (C) Write down the answer of following questions. (Any One) (03)
   1 Differentiate between AWT and Swing Components.
   2 Explain Event Delegation Model.

Q: 5 (D) Write down the answer of following questions in detail. (Any One) (05)
   1 Explain any Three Swing Components.
   2 Explain any Three Events interfaces.