Program:BBA(Computer Application)   **Semester: V**   **SET: A**
Program (Specific): BBACA07   **Course Type:CCT-3**
Class: TYBBACA   **Max.Marks: 70**
Name of the Course:Core Java
Course Code: 24-BBACA353   **Time: 3Hr**
Paper: -

Instructions to the candidate:

1) *There are 4 sections in the question paper. Write each section on separate page.*
2) *All Sections are compulsory.*
3) *Figures to the right indicate full marks.*
4) *Draw a well labelled diagram wherever necessary.*

Section A

Q1) Answer the following .   **[10 x 1 =10 marks]**

1)Which of the following is not a feature of Java?
   a) Platform-independent   b) Object-oriented
   c) Supports multiple inheritance using classes   d) High Performance

2) What is the size of int in Java?
   a) 4bytes   b) 8 bytes   c) 32 bytes   d) 2 bytes

3)   Which tool is used to compile Java code?
   a) javac   b) java   c) Javadoc   d) jdb

4) Which of these keywords must be used to monitor for exceptions?
   a) try   b) finally   c) throw   d)catch

5) Which of the following is immutable in Java?
    a) String   b) StringBuffer   c) StringBuilder   d) None of the above

6) Which of these classes is part of the java.util package?
    a) Scanner   b) String   c) File   d) System

7) Which of the following keywords is used to inherit a class in Java?
    a) extend   b) extends   c) implement   d) implements

8) Which method is called before an object is garbage collected in Java?
    a) finalize()   b) finally()   c) finalize   d) finally

9) MVC stands for _____ architecture .
    a) Model   b) View   c) Controller   d) All of the Mentioned

 10) The new keyword is used to create a_____
        a) function object   b) class object   c) method object   d) all of the above

Section B

Q.2] Answer the Following. (Any 10)   **[10x2 =20 M]**

1. What is java?
2. Enlist the primitive data type of java .
3. What is inheritance?
4. Which are the types of comment in java?
5. What is a command-line argument?
6. What is method?
7. How does the StringBuffer class differ from the String class?
8. What is the purpose of the java.util.Scanner class?
9. What is abstract class in java?
10. Explain the use of the new keyword in Java.
11. How to run java program?
12. Define LinkedList.

Section C

Q3) Answer the following. (Any 4)   **[5x4=20 M]**

1. Explain the final keyword giving suitable example.
2. Enlist the types of constructor in java? Explain any two type.
3. Explain any four methods of file class.
4. What is Array? Explain the types of array.
5. Write the difference between an interface and an abstract class?
6. Write down the difference between String and StringBuffer .

Section D

Q4) Answer the Following (Any 4).   **[5x4=20M]**

1. What is object in Java? Explain with example.
2. How do you handle exceptions in Java? Discuss the use of try, catch, throw, throws, and finally.
3. Explain the components and containers used in AWT.
4. Explain extends keyword with example.
5. What is multilevel inheritance? Write down a simple program related to inheritance.
6. Write down the comparison between abstract class and interface.