M.C.A [SEM – IV]
Java Programming
(DEC- 2017)

Q.P. Code :02546

[Time: Three Hours]   **[Marks:100]**

Please check whether you have got the right question paper.

N.B: 1.   Question.No.1 is **compulsory**.
        2.   Answer any **four** questions from Question Nos.2 to 7.

Q.1) a)   Explain the difference between   **(10)**
           i.   Method Overloading and Method Overriding
           ii.   Application and Applet
     b)   Explain Event delegation Model in java.   **(10)**

Q.2) a)   What is Multithreading? Explain Thread Life Cycle in detail.   **(10)**
     b)   Explain use of Static variables and methods in Java.   **(10)**

Q.3) a)   Explain the features of java Language.   **(10)**
     b)   Write a java program to demonstrate use of final keyword.   **(10)**

Q.4) a)   Explain any Five swing components in Java with suitable program.   **(10)**
     b)   What is Exception? Explain in detail Checked Exception and Unchecked Exception.   **(10)**

Q.5) a)   What is Package in Java? Explain Package with access modifier.   **(10)**
     b)   Explain types of drivers in JDBC   **(10)**

Q.6) a)   What is Stream in Java? Explain Object Serialization and Deserialization with suitable   **(10)**
           example
     b)   What is Constructor? Explain Parameterized constructor with example.   **(10)**

Q.7) a)   Explain wrapper classes in java with suitable program.   **(10)**
     b)   Write short note on **any two:-**   **(10)**
           i.   Super keyword
           ii.   Inner classes
           iii.   JDK
           iv.   JVM