AM–242

## Fifth Semester B.C.A. Part—III Examination

## CORE JAVA

## Paper—5ST1

Time—Three Hours]　　　　　　　[Maximum Marks—60

**N.B.** :— (1)　All questions are compulsory.

　　　　　(2)　All questions carry equal marks.

1.　(a)　Describe string class with its methods.　　6

　　(b)　Describe the different Literals in Java.　　6

### OR

2.　(a)　Explain increment and decrement operator with example.　　6

　　(b)　Describe any two selection statements in Java.　6

3.　(a)　What is Recursion ? Explain with example.　　6

　　(b)　Explain constructor overloading.　　6

### OR

4.　(a)　What is the use of super and sub keyword in inheritance ?　　6

　　(b)　Explain different types of inheritance.　　6

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5. (a) Explain interface with example. 6

   (b) What is Multiple inheritance ? Explain with example. 6

**OR**

6. (a) What is meant by predefined package ? Explain. 6

   (b) Explain variable declaration in interfaces with example. 6

7. (a) Explain the difference between throw and throws. 6

   (b) Explain catch block with suitable example. 6

**OR**

8. (a) Explain any six methods of thread class. 6

   (b) What is multi-threading ? State its advantages. 6

9. (a) Explain :

   (i) instance of

   (ii) strict FP 6

   (b) Explain event class with example. 6

**OR**

10. (a) Explain :

    (i) paint ()

    (ii) update ()

    (iii) repaint ()

    (b) Explain print writer class.