BCom DEGREE EXAMINATION DECEMBER 2018
(Fifth Semester)

Branch **e-COMMERCE**

FUNDAMENTALS OF JAVA PROGRAMMING

Time : 'Three Hours   Maximum : 75 Marks

SECTION-A <20 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (10 **x** 2 ~ 20)

l What is object-oriented programming? How is it different from the procedure-oriented programming?

Why is Java known as platform-neutral language?

The following code results in compile time error. Identity the error.

```
Public static void display (x)
/
int v; if(x>10)
{
y=x;
}
System.out.println("Value of Y--'*+Y);
```

What is initialization? Why it is important?

5   What is an abstract class?

6   When do we declare a method final?

n What is the need of package?

8   What is exception Handling?

9   What is the need of AWT in Java?

10   What is meant by Listener in Java event handling. Give examples.

SECTION - B (25 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks (5 x 5 - 25)

1 1 a Explain the main features of Java.
OR
  b How Java differ from e - - • ? Explain

! 2 a Write a Java program to sort a given set of strings in alphabetical order where the strings are supplied through the command line.
OR
  b Discuss various control statements available in Java.

13 a What is the difference between method overloading and method over riding?
OR
  b Write a Java program to find the sum of first 100 prime numbers using classes and objects?

14 a Explain creating packages and Accessing a package with examples.
OR
  b What is an Error? Explain different types of Errors.

15 a Write an Applet program that has different shapes in it.
OR
  b Explain about the graphics class.

SECTION - C (30 Marks)
Answer any **THREE** Questions
ALL Questions Carry **EQUAL** Marks (3 x iO 30)

16   Explain the fundamental concepts of object oriented programming,

17   What is an operator? Briefly explain about different types of operators.

18   What is an inheritance? Write the types of an inheritance explain.

19   Elucidate Life cycle of a thread.

20   Discuss in detail about Applet Lift Cycle.

Z-Z-Z   END