Reg. No. | | | | | | | | |

III Semester BCA 4 Degree Examination, Nov/Dec - 2019
OBJECT ORIENTED PROGRAMMING USING JAVA
(Repeater/Regular)
Paper - BCA 4

Time : 3 Hours   **Maximum Marks : 80**

Instructions to Candidates:
   1.   All sections are compulsory.
   2.   Draw a neat diagram wherever necessary.
   3.   Write Question Numbers neatly & correctly.

SECTION - A

Answer **ALL** the Questions: **(10×2=20)**

1.   a)   What is class & object?

   b)   Define polymorphism.

   c)   What is constructor?

   d)   Define wrapper class?

   e)   State access control (Modifies).

   f)   What do you mean by vector?

   g)   Define exception.

   h)   What is print writer?

   i)   What do you mean by applet?

   j)   State the methods of Graphics class.

SECTION - B

Answer any **FOUR** of the following: **(4×5=20)**

2.   Differentiate between POP & OOPS.

3.   Write a Java program to demostrate constructor overloading.

4.   Write a procedure to create packages.

5.   Explain Theard priority.

6.   Differentiate between Applet & Applications.

P.T.O.

SECTION - C

Answer any **FOUR** of the following: (4×10=40)

7. Explain OOPS concepts.

8. a) Write a Java program to demostrate method overloading.

    b) Explain static keyword with data, method & block.

9. Define Interface. Write a program to demostrate multiple inheritance.

10. Explain different types of exception with example.

11. a) Explain Applet life cycle.

    b) Write an applet program to demostrate line & Rectangle.

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