Seat No.	

B.C.A. (Part - III) (Semester - VI) Examination, April - 2018
JAVA PROGRAMMING (New/Revised)
Sub. Code : 66425

Day and Date : Thursday, 19 - 04 - 2018   **Total Marks : 80**
Time : 03.00 p.m. to 06.00 p.m.
Instructions: 1)   **Each question carry 16 marks.**
                 2)   **Solve any four questions from Q. 1 To Q. 7.**
                 3)   **Q. 8 is Compulsory.**

Q1) a)   What is inheritance? Explain hierarchical inheritance with example.   **[8]**

b)   Explain the use of Final statement with example.   **[8]**

Q2) a)   Write syntax and explain branching statement used in java with example. **[8]**

b)   Explain thread priority.   **[8]**

Q3) a)   Explain subclass constructor with example.   **[8]**

b)   Explain adding applet to java file with example.   **[8]**

Q4)   What is polymorphism? Explain its types with example.   **[16]**

Q5) a)   What is constructor? Explain its types.   **[8]**

b)   Differentiate between Java and C++.   **[8]**

Q6) a)   Explain Class and Objects in java with example.   **[8]**

b)   Write a java program which use try and catch for exception handling. **[8]**

P.T.O.

Q7) a) Explain Applet Life Cycle. [8]

    b) Explain Features of Java Programming. [8]

Q8) Write short notes on following (any four) : [16]

    a) Data types in Java

    b) System Package

    c) Access specifier

    d) Abstract Window Toolkit

    e) Type casting

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