

B - 326

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Seat No.	
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B.C.A. (Commerce) (Part - III) (Semester - VI) Examination, October - 2017

JAVA PROGRAMMING (Paper - 604)

Sub. Code : 66425

Day and Date : Friday, 13 - 10 - 2017

Total Marks : 80

Time : 02.30 p.m. to 05.30 p.m.

- Instructions :**
- 1) Attempt any four From Q. No.1 to Q. No. 7.
 - 2) Q. No. 8 is compulsory.
 - 3) Figures to the right indicate marks to the question.

- Q1)** a) List and explain different features of java?
b) Explain in brief different types of data types supported by java?
- Q2)** a) Define operator? Explain different types of operators available in java with example?
b) What do you mean by looping statements? Explain different types of looping statements used in java?
- Q3)** a) What do you mean by packages? Explain different types of built in packages available in java?
b) What is mean by method overloading? Explain method overloading with example?
- Q4)** a) Define inheritance? Write a program to implement hierarchical inheritance consist of three Classes College is super class while BCA and BCS are derived classes? User has to input appropriate information for respective classes from user and display it?
b) Define a constructor? Explain different types of constructors used in java?

P.T.O.

- Q5)** a) Write a java program to find maximum number among three numbers?
b) What do you mean by exception handling? Explain various types of built in exceptions available in java?
- Q6)** a) What do you mean by multithreading? How to create and extend thread class with syntax and example?
b) Differentiate between java and C++.
- Q7)** a) What do you mean by applets? Explain life cycle of applets with suitable diagram?
b) Define AWT package? Explain various component classes used in AWT package?

Q8) Write short note on (any four) :

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- a) JVM
- b) Evolution of java
- c) Class and objects
- d) Interface
- e) Finally clause

