

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

BCA (2013 & Onward) (Sem.-5)
PROGRAMMING IN JAVA
Subject Code : BSBC-502
M.Code : 70629

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.

SECTION-A

1. Answer briefly :

- a) What are benefits of OOP?
- b) How Java differs from C++?
- c) Define Java tokens.
- d) Write about data types in Java.
- e) What are string functions in Java?
- f) How would you access System package?
- g) Write the importance of interfaces.
- h) Differentiate Applet with Applications.
- i) Give introduction of Rectangle in Graphics class.
- j) Write about Window Listener Event Handling.

SECTION-B

2. Explain following :
 - a) Constructors and its syntax
 - b) Methods Overloading
3. Discuss various loop statements and branching statements available in Java? Show their syntax.
4. How do we create a Java applet? Discuss its life cycle showing passing parameters to Applets.
5. What is error and exception handling in Java? How would you handle the exception using *Try* and *Catch*?
6. Explain Java AWT basics. Explain the syntax of *TextArea* layout in AWT package.
7. What are the inbuilt streams available in Java I/O package? Discuss data I/P and O/P streams.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.