

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (2013 & 2014) (Sem.-4)**CORE JAVA PROGRAMMING**

Subject Code : BS-202

Paper ID : [B0413]

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**Q1) Answer briefly :**

- a) What are the difference between C and Java?
- b) What do mean by static and dynamic binding?
- c) What is the use of package in Java?
- d) What are the difference between break and continue?
- e) What is an Array?
- f) Write a short note on Finalizer Methods.
- g) Write any difference between C++ and Java. Give an example.
- h) How are arrays declared in JAVA?
- i) What do mean by overloading?
- j) Define Applet.

SECTION-B

- Q2) What do you mean by Inheritance? Explain various types of inheritance with the help of example and diagram.
- Q3) Explain life cycle of a Thread.
- Q4) Write notes on :
- a) Wrapper Classes.
 - b) Type Conversion.
 - c) Java Virtual Machine.
- Q5) What is an Applet? How do applets differ from application programs? How arguments can be passed to an applet?
- Q6) What is interface? How do you implement an interface?
- Q7) What is Graphics class? How to create object of class explain with the help of example?