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# BCA (2009 to 2010 Batch) (Sem.-5) INTRODUCTION TO INTERNET AND JAVA

Subject Code: BC-501 Paper ID: [B0219]

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**

- l) Write briefly:
  - a) What is internet?
  - b) Define Search Engine.
  - c) Define Applet.
  - d) What is JDK?
  - e) Differentiate between java and C++.
  - f) Explain Encapsulation.
  - g) Define debugging.
  - h) What is Final block in java?
  - i) What is IP address?
  - i) What is E-Mail?

#### **SECTION-B**

- 2) What are packages in java? Explain with the help of example.
- 3) Discuss the various features of java.
- 4) What are constructors? Explain with example.
- 5) Explain the types of Internet protocols in detail.
- 6) Give the life cycle of a Thread.
- 7) How you can achieve the feature of multiple inheritance in java?

**1** M-10029 (S3)-1790