

S.B.Roll No. _____

INTERNET PROGRAMMING USING JAVA

6th Exam/IT/9007/Dec'11

Duration: 3 Hrs.

Max. Marks: 75

Note: Attempt all questions.

Section- A

Q1 Expand the following acronyms: 7.5

- i. AWT
- ii. JVM
- iii. URL
- iv. API
- v. GUI

State True or False: 7.5

- i. One 'if' statement can have more than one 'else' statements.
- ii. A 'switch' statement is always replaced by a series of if . . . else statements.
- iii. In procedural programming, whole data is not shared by all functions.
- iv. In object oriented programming, there is emphasis on procedure rather than data.
- v. Java Applets are static programs.

Section- B

Q2 Attempt any five questions. 5x6

- i. What is multithreading? How does it improve the performance of java?
- ii. Why do we need import statement?
- iii. List eight basic data types used in java with example.
- iv. What is a constructor? What are its characteristics?
- v. Discuss major difference between interface and class.
- vi. Explain common types of exceptions that might occur in java. Give examples.
- vii. Discuss the steps involved in developing and running a local applet.

Section- C

Q3 Attempt any three questions. 3x10

- i. What are command line arguments? Explain with example.
- ii. What is object-oriented programming? How is it different from procedure oriented programming?
- iii. What is an applet? What are its various types?
- iv. Differentiate between
 - a. Inheritance and polymorphism
 - b. Objects and classes
- v. Write short note on
 - a. JDBC
 - b. JIT