

Register Number

B.TECH. DEGREE EXAMINATIONS: NOVEMBER 2009

Fourth Semester

INFORMATION TECHNOLOGY

U07IT401: Internet and Java Programming

Time: Three hours

Maximum Marks: 100

Answer ALL the Questions:-

PART A (10 x 1 = 10 Marks)

1. _____ allows computer users to locate and view multimedia – based documents on almost any subject.
(a) TCP/ IP (b) ARPANET (c) WWW (d) HTML
2. NIC Stands for
(a) Network Internet Card (b) Network Interface Card
(c) Network Intraface Card (d) Network Intranet Card
3. Java language is _____
(a) compiler (b) translater
(c) Interpreter (d) Compiler and interpreter
4. Mention the Associativity of the following operators [], = , ?: , >>>
(a) Left to right, Right to left, Left to right, Right to left
(b) Left to right, Right to left, Right to left, Left to right
(c) Right to left, Left to Right, Right to left, Left to Right
(d) Left to right, left to right, right to left, right to left
5. A thread's priority is used to decide when to switch from _____.
(a) One running class to the next
(b) One running thread to the next
(c) One running interface to the next
(d) One running method to the next
6. Input stream is a _____ class that defines java's model of streaming byte input.
(a) Abstract (b) Base (c) Derived (d) Super
7. If a class is serializable, all of its _____ are also serializable.
(a) Super classes (b) Sub classes (c) Methods (d) Interfaces

8. Order of execution of the applet from beginning to terminate
1. init() 2. Stop () 3. destroy() 4. start()
(a) 1, 4, 3, 2 (b) 1, 3, 4, 2 (c) 1, 4, 2, 3 (d) 1, 2, 3, 4
9. Mention the override method which is defined in applet
(a) paint (b) update (c) repaint (d) show
10. All sevlets must implement _____ interface
(a) Local remote (b) Public remote (c) Shared remote (d) Private remote

PART B (10 x 2 = 20 Marks)

- 11 List all the attributes of <table> tag.
- 12 List out the basic requirements for performing online chatting.
- 13 Define encapsulation.
- 14 List the different types of separators are available in java and state its purpose.
- 15 State the differences between a class and a package.
- 16 What is the purpose of thread? Where it is used?
- 17 What is an event?
- 18 List the different types of layouts available in java.
- 19 What is a server socket?
- 20 What is cookie?

PART C (5 x 14 = 70 Marks)

- 21 (a) Explain the common tags that will be used to create a web page. Illustrate with simple examples.

(OR)

- (b) Briefly explain about the File Transfer Protocol.
- 22 (a) (i) Explain the three main principles of Object Oriented Programming.
(ii) What are the control statements available in Java? Explain it with examples.

(OR)

- (b) (i) List the various jump statements available in java. Explain it with examples. (5)
- (ii) Write a program in java to calculate the different types of objects area that overload methods and overload a constructor. (9)

- (a) Explain the lifecycle of a thread with an example.

(OR)

- (b) Briefly explain the inter tread communication with an example.

- (a) Write an applet program to perform arithmetic operations like add, sub, multiply and divide with suitable AWT Containers.

(OR)

- (b) Explain the various containers available in java.

- (a) Highlight the features of JDBC drivers. Summarize the connection establishing mechanism and various statements.

(OR)

- (b) Explain RMI architecture and discuss the implementation issues.
