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B.E / B. Tech (Full Time) DEGREE END SEMESTER EXAMINATIONS, NOV/DEC 2012

ELECTRONICS AND COMMUNICATION ENGINEERING

SEVENTH SEMESTER

**EC 9087 – INTERNET AND JAVA**

(REGULATIONS 2008)

Time: 3 Hours

Maximum Marks: 100

Answer ALL Questions

Part – A (10 x 2 = 20 Marks)

1. What is meant by FTP?
2. Write the names of any four software technologies which are used by software community for the internet applications.
3. Expand: HTTP, HTML, XHTML, XML
4. What is web-browser? Write the names of any four modern web-browsers.
5. Write the differences between "entry" controlled statements and "exit" controlled statements.
6. What is meant by "array"? Classify it.
7. Write the names of any four special features of JAVA language..
8. Write the basic format of class definition.
9. What are the differences between Web 1.0 and Web 2.0?
10. Why JAVA is known as Internet Language?

Part – B (5 x 16 = 80 Marks)

11. (a). Explain various features of "JAVA" Language and how it differs from "C" and "C++" Languages.

12. (a). Explain the differences between "Internet Explorer" and "Firebox".

OR

12. (b). What is meant by Rich Internet Applications (RIA)? Explain the different technologies used for RIA.

13. (a). Illustrate the use of "Else – If" Ladder in a JAVA Program.

OR

[PTO]

13. (b). Explain the three steps involved in the creation of arrays with a sample program.

14. (a). What is meant by "constructors"? Explain the use of default constructor in the program.

OR

14. (b). Design a class to represent a bank account. Include the following members:  
Data Members: Name of the depositor, Account Number, Type of Account, Balance Amount in the account.  
Methods: To assign initial values, To deposit an amount, To withdraw an amount After checking balance, To display the name and balance.

15. (a). What is meant by "Search Engine"? Explain the features and characteristics of various "Search Engines".

OR

15. (b). Explain the different methods and process of web-based software development.

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