MCA DEGREE EXAMINATIONS: NOV/DEC 2010
Third Semester
MASTER OF COMPUTER APPLICATION

MCA 514: Internet Programming

Time: Three Hours   **Maximum Marks: 100**
Answer ALL Questions:-
PART A (10 x 2 = 20 Marks)

1. What is Domain Name System?
2. What is the use of Internet Relay Chat?
3. Justify the need for client side scripting.
4. Define WWW.
5. Give the general structure of a JAVA program.
6. What is a peer-peer communication?
7. List out types of layouts.
8. What is the need for synchronization? How it is achieved in Java?
9. Define the life cycle of a Servlet.
10. Write the steps required to run an applet program.

PART B (5 x 16 = 18 Marks)

11. a) (i) How does an email work? Explain.   (8)
       (ii) Define the terms Web Browser, URL and HTTP.   (8)
                                   (OR)
    b)   Define the following terms.
       (i) Online chatting   (6)
       (ii) Video Conferencing   (6)
       (iii) News Groups.   (4)

12. a) Create a web site containing the details of a National level conference which will be
        conducted by your college. Different types of events to be held in that conference
        should be considered. Add animation effect to that website.
                                   (OR)
    (i) Explain the concept of Web security and site blocking.   (8)
    (ii) Write a short note on FTP.   (8)

13. a) (i) What is a class? Explain the general form of a class with an example.   (4)
       (ii) What is a constructor? Explain different types of constructors.   (4)
       (iii) What are interfaces? Explain its use.   (8)
                                   (OR)
    b) Explain the concept of exception handling and its different types in detail with suitable
       examples.

14. a) (i) Describe in detail about the delegation of event model.   (8)
       (ii) Explain in detail AWT packages.   (8)
                                   (OR)
    b) Write a simple program in java to implement mouse handling event.

15. a) Write a java program to implement JDBC applications with suitable example. **(OR)**
    b) Write the four component implementations of RMI applications in Java.

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