KUMARAGURU
college of technology
character is life

MCA DEGREE EXAMINATIONS: NOV/DEC 2014

(Regulation 2009)

Third Semester

MASTER OF COMPUTER APPLICATIONS

MCA514: Internet Programming

Time: Three Hours   **Maximum Marks: 100**

Answer all the Questions:-

PART A (10 x 2 = 20 Marks)

1. What is meant by internet?

2. Define domain name system.

3. Give a brief outline of file transfer and downloading.

4. What is FTP?

5. How to develop classes in Java can be developed?

6. Define Exception handling.

7. List out the layouts in Java.

8. What is meant by multithreading?

9. What is meant by servlets?

10. Define RMI.

PART B (5 x 16 = 80 Marks)

11. a)   Write detailed notes on Exchanging E-mail and Usenet Newsgroup.

(OR)

    b)   Explain the need for Domain Name system and Messaging.

12. a) (i)   What are the advantages of embedding audio and video on the web page?   (8)

        (ii)   Write the steps to create a website for an educational institution.   (8)

(OR)

b)   Explain the following:

      (i)   Peer to peer communication.   (8)

      (ii) Downloading and installing software.   (8)

13. a)   Enumerate the operators and control structures in Java programming.

(OR)

    b)   How packages and interface are created? Give suitable examples.

14. a)   Write a Java program to display various geometric shapes using mouse handling events.

(OR)

    b)   Discuss about language packages and event packages.

15. a)   Explain in detail about input and output packages with suitable examples.

(OR)

    b)   Write a Java programme to maintain the students information such as student name, roll no, class, age and contact number. Verify JDBC and do the following:

      (i)   Insert a student information into database.

      (ii) Delete a student information from database.

      (iii) Modify student information.

      (iv) Search student information.

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