

MCA DEGREE EXAMINATIONS: MAY/JUNE 2013

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 Web Server?
2. What is real-time communication?
3. What is URL? Give an example.
4. What do you mean by cookies?
5. List down the three object oriented programming principles.
6. List down any four keywords used in exception handling.
7. What is garbage collection?
8. What is an event?
9. List the life cycle methods of a Servlet.
10. What is inner class?

PART B (5 x 16 = 80 Marks)

11. a) (i) Discuss in detail about Domain Name System. (8)
(ii) What do you mean by spam? How to reduce spam? (8)
(OR)
- b) (i) How to avoid E-mail viruses? Explain. (8)
(ii) Discuss in detail about online chatting and conferencing. (8)
12. a) Discuss about the following
(i) Web Security (8)
(ii) Site blocking (8)
(OR)
- b) (i) How to create a web site? Explain and give suitable example. (8)
(ii) How to update or upload files in web site using FTP? Explain. (8)
13. a) (i) Write a program to implement the basic arithmetic operators in JAVA. (8)

- (ii) With suitable example demonstrate switch and nested switch statements in JAVA. (8)

(OR)

- b) Write a JAVA program to implement the concept of Interfaces and packages.

14. a) Write a sample program to create multiple threads in JAVA.

(OR)

- b) Explain in detail about Abstract Window Toolkit (AWT).

15. a) (i) Discuss in detail about servlets. (8)

- (ii) Write short note on RMI. (8)

(OR)

- b) Write a program to implement the student mark list using JDBC.
