

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Z 3541**

M.C.A. DEGREE EXAMINATION, MAY/JUNE 2008.

Third Semester

MC 1705 — INTERNET PROGRAMMING

(Regulation 2005)

Time : Three hours

Maximum : 100 marks

Answer AEL questions.

PART A — (10 × 2 = 20 marks)

1. What is the purpose of Domain name system?
2. What is Internet Relay chat?
3. Write HTML Code to play an Audio using a browser.
4. What is the use of FTP?
5. Write any four features of Java.
6. What is the need for packages?
7. What are the life cycles states of a thread?
8. What are the methods associated with Buttonframe?
9. List the life cycle methods of a servlet.
10. What is the purpose of callable statement?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Illustrate the principle of Exchanging E-mail. (8)  
(ii) Discuss any one method for avoiding email viruses. (8)

Or

- (b) (i) Write short notes on Fighting Spam. (8)  
(ii) Explain the principles of Video conferencing. (8)
12. (a) Discuss about the following :  
(i) Web security. (8)  
(ii) Site blocking. (8)

Or

- (b) (i) Illustrate the use of FTP using an example. (8)  
(ii) Explain the methods of maintaing the web. (8)
13. (a) Write a Java program using interfaces to simulase a simple calculator. Provide Add, Sub and Multiply functionalities. (16)

Or

- (b) (i) Explain handling of divide by zero exception with an example. (8)  
(ii) What is the use of Finally block? Give an example. (8)
14. (a) Illustrate the creation of command buttons and action events with suitable example program.

Or

- (b) Explain the steps in creating and exccuting Threads with suitable example program.

15. (a) (i) Write the Java Code to establish a connection and execute a SQL statement. (8)
- (ii) Explain the different methods of Result set object. (8)

Or

- (b) Explain the different components of Java servlet with a simple java servlet program.