

Z 3515

M.C.A. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2006.

Third Semester

MC 1705 — INTERNET PROGRAMMING

(Regulation 2005)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What do you mean by IRC? Why it is more powerful in the internet?
2. How to avoid the email viruses?
3. What are the standardized video file formats used on the Web? List the safest file formats for short video clip, down load and play delivery.
4. List any four graphics software which are used frequently on the web.
5. How do you implement a multiple and multilevel inheritance concept in Java?
6. What is the use of finally keyword?
7. What is runnable interface? How it can be implemented in java?
8. Define delegation even Model. Write the advantages of it.
9. What do you mean by “stubs” in the context of RMI?
10. What is an inner class? Explain with an example.

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain Domain name system and sub domains in detail with suitable example. (8)
- (ii) Discuss spam protection and usenet group in detail with suitable example. (8)

Or

- (b) (i) What are the minimum hardware and software requirements needed to connect to the Internet? (6)
- (ii) Explain the following terms with suitable example :
- (1) Online chatting and video conferencing (4)
- (2) Different compression formats for audio and video files. (6)
12. (a) (i) Discuss the following terms in detail with suitable example. (4 + 4)
- (1) FTP
- (2) Web page editors
- (ii) (1) What are the Basic concepts to be considered while creating a new web page? Give example.
- (2) Discuss how to block a particular web site and web page? (4 + 4)

Or

- (b) Create a web site which announces about an international conference on "Net work and Mobile computing" which will be conducted by Anna university on Nov 2006. Following are the concepts to be incorporated in to your web pages. (16)
- (i) Audio and Video concepts
- (ii) Call for paper must be blinked and present in the form
- (iii) Use web graphics for university logo
- (iv) Provide security to see viewers list
- (v) Play music when the user enter into a home page.
13. (a) (i) Write similarities and dissimilarities of "this" and "super". (4)
- (ii) Mention any four uses of packages (4)
- (iii) Create an interface for adding and subtracting two float numbers. Implement the interface and demonstrate with suitable main. (8)

Or

- (b) (i) What is CLASSPATH? How do you set CLASSPATH? (6)
- (ii) Discuss Exception handling mechanism in detail with suitable example. (10)

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(6)
- (4)
- (6)
- + 4)
14. (a) (i) What is the uses of Layout manager? List out different layouts available in Java. (4)
- (ii) Explain any three layout manager in detail with suitable example. (12)

Or

- (b) Explain multi threading concept in detail with suitable examples. (16)
15. (a) Discuss the following Event listener interfaces with suitable example. (4 × 4 = 16)
- (i) Container Listener
(ii) Window Listener
(iii) Component Listener
(iv) Action Listener.

Or

- (b) (i) What is Java beans? mention the advantages of java beans. (4)
- (ii) Discuss JAR files and BeanInfo Interface in detail with suitable example. (10)
- (iii) List out any three Java utility packages. (2)