

May-09

Roll No. ....

Subject Code—2061

**M.C.S. EXAMINATION**

(Fourth Semester)

**INTERNET AND WEB PROGRAMMING**

MS-18

*Time : 3 Hours*

*Maximum Marks : 100*

**Note :** Attempt any *Five* questions. All questions carry equal marks.

1. (a) Explain various steps of opening internet through ISP internet accounts. How does it differ from browser to browser ? 10  
(b) How are plug-ins and helpers useful for users ? 10
2. (a) Discuss various searching tools and their searching mechanisms. 10  
(b) Discuss various sub-protocols for e-mail systems. 10

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3. Discuss various formatting tags in HTML and design a website for your university containing only four pages. 20
4. (a) Why is Java so important for web and internet programming ? Discuss various Java features helping for it. 10  
(b) Describe about various data types in Java, with examples. 10
5. What do you mean by decision making ? Explain various branching and looping with help of suitable examples. 20
6. (a) What do you mean by class, object and methods ? How do interface packages work ? 10  
(b) What is Try and Catch ? How are these handling errors and exceptions ? 10
7. (a) Compare local and remote applets.  
(b) Create an applet. How can it be executed ? Explain applet life cycle. 10

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8. Write short notes on any *two* of the following :

(a) CGI

(b) JVM

(c) FTP

(d) Frames.

10×2=20