

Punjab Technical University
Master of Computer Application Examination

MCA 4th Semester INTERNET AND JAVA PROGRAMMING 2006

Time: Three hours Maximum: 100 marks

PART – A Answer ALL questions. (8 x 5 = 40 marks)

1. (a) Discuss TELNET in detail. Or
(b) Describe SMTP in detail.
2. (a) Explain any five text formatting tags in HTML with example. Or
(b) Discuss the < FRAME> tag with example.
3. (a) Discuss inheritance with example. Or
(b) Write an object-oriented program to sort an array of integers in Java.
4. (a) Write short note on file streams. Or
(b) Explain example the life cycle of Applet class
5. (a) Explain any five string methods with example Or
(b) Write short note on persistence storage.
6. (a) Explain any two types of loop structures in JavaScript with example. Or
(b) Discuss the function with arguments in JavaScript with example.
7. (a) Explain any two types of variables in PERL Or
(b) Write short note on CGI.
8. (a) Explain the different data types used in VB Or
(b) Discuss Input Box function in VB script with example.

PART – B (5 x 12 = 60 marks)

9. (a) Define browser. Explain any two types of browser in detail. Or
(b) Discuss < TABLE> tag and its various attributes with example.
10. (a) Explain in detail about exception handling in Java. Or
(b) Discuss the states and methods of thread with example.
11. (a) Explain data gram and its classes with examples. Or
(b) (i) Discuss any three drawing methods in graphics class with example.
(6)
(ii) How will you create and display image? Explain with example. (6)
12. (a) Explain any six Java Script event handlers with suitable examples. Or
(b) Discuss the various file handling operations of PERL.

13. (a) (i) Explain the procedures used in VB script different types of (6)
(ii) Discuss msg box function in VB script with example. (6) Or
(b) Describe the following: (i) Active x control (6) (ii) Multimedia (6)