MCA/M09   6249

Java Programming and Internet Application

Paper : MCA-401

Time : Three Hours]   [Maximum Marks : 50

Note :– Attempt any **FIVE** questions selecting at least **ONE** question from each unit. All questions carry equal marks.

UNIT–I

1. What are PPP account and shell account for internet access ? Can you access following through a browser :

   (i)   Gopher (ii) Anonymous FTP, if yes give example and if not then why ?

2. Differentiate the following :

   (a)   Chat and e-mail

   (b)   Mosaic and Gophar

   (c)   Web-Browser and Search-Engine.

3. What are the various application areas, where Internet is very useful ? Discuss the processing at server site for storing the information in data-base.

UNIT–II

4. What do you mean by Architectural neutrality of JAVA language ? Discuss the elements of JDK.

5. Write program to find the area of rectangle using :

   (i)   Function overloading

   (ii) Function over-riding.

6. Discuss the use of key words :

   (i)   final   (ii) finalize

   (iii) super   (iv) interface

   (v)   package with your own examples.

UNIT–III

7. What are various exceptions in JAVA ? Write a program to handle your own Exception.

8. Write Applet code to show all the activities of Mouse using Mouselistener and Mouse Motionlistener.

9. (a)   Discuss how C++, JAVA, Applet-Prog and Servlet Programming differ.

   (b)   Show the benefit of Swing by taking suitable example.

10. Write short notes on the following :

    (a)   Layout Managers

    (b)   Packages

    (c)   USENET

    (d)   SMTP

    (e)   Domain Name System.

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