Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 03

Total No. of Questions : 14

MCA   (Sem.–5)
INTERNET PROGRAMMING AND E-COMMERCE
Subject Code : MCA-503A
Paper ID : A0528

Time : 3 Hrs.   Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :
1. **SECTION-A will be compulsory and have 20 questions of 1 mark each.**
2. **SECTION-B will have 8 short answer type questions of 5 marks each, out of which candidate will have to attempt any 5.**
3. **SECTION-C will have 5 long answer type questions of 10 marks each, out of which candidate will have to attempt any 3.**

SECTION-A

1. **Multiple Choice Questions :**

   a. To join the internet, the computer has to be connected to a

      a) internet architecture board   b) internet society

      c) internet service provider   d) none of the mentioned

   b. Which one of the following protocol is not used in internet?

      a) HTTP   b) DHCP

      c) DNS   d) None of the mentioned

   c. The attribute of <form> tag is:

      a) Method   b) Action

      c) Both a and b   d) None of the mentioned.

   d. WWW is based on ……………… model.

      a) Local-server   b) Client-server

      c) 3-tier   d) None of the mentioned.

   e. The tag used to create a new list item and also include a hyperlink is.

      a) <LI>   b) <DL>

      c) <DD>   d) <UL>

f. The function ………………. of VBScript converts a given number of any variant subtype to double.

    a) CDbl   b) Clnt

    c) CLng   d) CSng

g. How to pass argument by value to a function in VBScript?

    a) UsingByVal keyword   b) UsingByRef kyeword

    c) Both of the above   d) None of the above

h. ASP is a ……………….. used for dynamically generated web pages?

    a) server-side script   b) client-side script

    c) Both of the above   d) None of the above

i. What types of protocols are used in VPNs?

    a) Application level protocols   b) Tunnelling protocols

    c) Network protocols   d) Mailing protocols

j. Which of the following describes E-commerce?

    a) Doing business electronically   b) Sales of goods

    c) Marketing   d) All of the above

State True or False :

k. The Internet is based on the concept of circuit switching.

l. In HTML <targetfont> tag is used to specify a font for whole page.

m. In HTML <a> and are the tags used for aligning text.

n. VBScript can manipulate cookies using the cookie property of the Document object.

o. ASP supports oracle databases.

p. In VBScript to trim the spaces on the right of a string Lcase function is used.

q. HTTP is a stateless protocol and cannot hold the client data on the page.

r. In ASP, Response object is used to control output.

s. ActiveX Data Objects (ADO) used to access the client application data.

t. Router-to-router VPNs are used for home private and secure connectivity.

SECTION-B

2. What is World Wide Web? How does it work? Give appropriate example.

3. Justify the purpose of HTML and ASP files? How you will create a password field in a HTML form.

4. Discuss built in functions for VBScript programming language.

5. Define cookies. Where cookies has to be stored?

6. Discuss the steps to read and display the contents of a database table in ASP.

7. Explain the mechanism to enhance information retrieval SQL query execution using ASP.

8. What is Virtual Private Networks? Explain the risks associated in E-commerce.

9. Explain in brief conceptual and architectural framework of E-commerce.

SECTION-C

10. How will you characterize a good web design? Design an html form to take the information of a customer visiting a departmental store such as name, contact phone no, preferred days of purchasing, favorite item (to be selected from a list of items).

11. Differentiate between HTM and DHTML? Write a HTML program to generate yours own bio data (use all formatting tags)

12. What are the real-time application of VBScript programming language? Develop a web page having a rollover effect when an image changes if the user places the mouse using VBScript.

13. How HTML is different from ASP and write an ASP program which accepts name, age, email and phone number of a student.

14. What is E-Commerce? Discuss B2B2C and C2B2C model giving suitable examples of each.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.