Total No. of Questions : **16**]   [Total No. of Printed Pages : **3**

SCOM–115

M.Sc. (Ist Semester) Examination, 2021
COMPUTER SCIENCE

Paper – MCS–102

(Internet Programming)

Time : 1½ Hours]   [*Maximum Marks : 40*

Note :–   This question paper contains three Sections.

                                    Section–A   **(Marks : 1 × 10 = 10)**

Note :–   Answer all *ten* questions (Answer limit **50** words). Each question carries **1** mark.

                                    Section–B   **(Marks : 3 × 5 = 15)**

Note :–   Answer any *five* questions by selecting at least *one* question from each Unit (Answer limit **200** words). Each question carries **3** marks.

                                    Section–C   **(Marks : 5 × 3 = 15)**

Note :–   Answer any *three* questions by selecting *one* question from each Unit (Answer limit **500** words). Each question carries **5** marks.

                                    Section–A   1 each

1.   (i)   Who is ISP ? How information travels through an ISP ?

     (ii)   What is the relation between IP address and domain name ?

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(iii) What is the difference between CC : and BCC : headers ?

(iv) What is a URL ?

(v) What is a TAG ?

(vi) What are the different kinds of links in your website ?

(vii) How is ID selector different from class selector ?

(viii) How do you add JavaScript to a webpage ?

(ix) "Each JS object has properties, methods and event handless associated with it." Explain this statement.

(x) What is the purpose of with Statement ?

Section–B   3 each

Unit–I

2. Distinguish between POP and IMAP.

3. What is FTP ? How it works ?

4. Discuss the working of search engines.

Unit–II

5. Discuss any six <IMG> attributes.

6. How text formatting is done in HTML ?

7. Create a table that contains marks of 5 students in 3 different subjects. The cell spacing should be set to 3 pixels.

Unit–III

8. Write a function in JavaScript to display greeting message {Good Morning, Good Afternoon, Good Night} according to the time of the day.

9. Discuss the utility of Array() object.

10. Discuss the various events in JavaScript.

Section–C   5 each

Unit–I

11. How will you publish and maintain a website ?

12. Write short notes on the following :

    (i)   Mailing list

    (ii) WWW

Unit–II

13. Create the following rules and apply to all your webpages in your website :

    (a)   Paragraph's text with :

            Font : Arial

            Font-style : Bold

            Font-size : 20 pt.

    (b)   Text aligned to center, word spacing of 20 *px* and color to be red.

14. Create a form in HTML to get student information {Name, Father's Name, Gender, Date of Birth, Subject {BA, BCOM, BSC} address, contact number}

Unit–III

15. Explain properties and methods associated with window object.

16. Write a script to check whether email is entered or not. If email is entered check the validity of email.

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