

M.Sc. - I (Computer Science) (NEP Pattern) Semester-I  
**NEP-21 / 01MSCCS01 - Paper-I - Scripting Languages and Information Retrieval**

P. Pages : 2

Time : Three Hours



**GUG/W/24/15078**

Max. Marks : 80

- 
- Notes :
1. All the questions are compulsory and carry equal marks.
  2. Draw neat and labelled diagrams wherever necessary.
  3. Avoid vague answers and write specific answers related to questions.

**Either:**

1. a) Explain the different elements of html in detail. 8
- b) What do you mean by meta tag? Explain the use of <meta> tag with example. 8

**OR**

- c) Explain the different CSS properties in detail. 8
- d) Write a detail note on CSS styling. 8

**Either:**

2. a) Describe the nature of JavaScript in detail. 8
- b) How to create dynamic web pages using JavaScript? Explain with suitable example. 8

**OR**

- c) Create an login form using JavaScript. 8
- d) What is floating toolbar? Demonstrate it. 8

**Either:**

3. a) Explain the features of VBScript in detail. 8
- b) Discuss the different elements of VBScript. 8

**OR**

- c) Enlist explain the Data types in VBScript. 8
- d) Write a detail note on string manipulation function in VBScript. 8

**Either:**

- |           |  |          |
|-----------|--|----------|
| <b>4.</b> | a) Write a detail note on Boolean retrieval. | <b>8</b> |
|           | b) Explain the following.                    | <b>8</b> |
|           | i) Index Construction                        |          |
|           | ii) Index compression                        |          |

**OR**

- |           |  |          |
|-----------|--|----------|
| c)        | Describe the vector space model in detail.               | <b>8</b> |
| d)        | What do you mean by xml retrieval? Explain with example. | <b>8</b> |
| <b>5.</b> | Solve all the questions.                                 |          |
| a)        | Explain positioning in CSS.                              | <b>4</b> |
| b)        | Demonstrate Image map navigation using JavaScript.       | <b>4</b> |
| c)        | Write a note on Array in VBScript.                       | <b>4</b> |
| d)        | Explain Relevance feedback with example.                 | <b>4</b> |

\*\*\*\*\*