PG Even Semester Examination, September, 2023

COMPUTER SCIENCE

(8th / 2nd Semester)

Course No.: MCS-554 (IDC)

(Internet Technology)

Full Marks: 70

Pass Marks: 28

Time: 3 hours

The figures in the margin indicate full marks for the questions.

Answer any five questions, taking one from each unit.

UNIT-I

1. (a) Describe in detail the differences between client-side scripting and server-side scripting. 7

   (b) Describe the website design and developing process phases in detail with diagrams. 7

2. (a) What is a Website? Discuss the pros and cons of having a website? 7

   (b) Describe the differences between static and dynamic websites. 7

UNIT-II

3. (a) Explain the differences between HTML, XHTML, DHTML, and HTML5. 7

   (b) Describe the HTML-5 layout structure with an example. 7

4. (a) Explain the table tag in HTML5 and give an example of how HTML tags can be used to display data in tabular form. 7

   (b) Desribe the following tags with suitable examples. 7

   (i) <pre>tag

   (ii) <font>tag

   (iii) <code>tag

   (iv) <ins> and <del> tag

   (v) <audio> and <video> tags

UNIT-III

5. (a) What is CSS in HTML? How to include CSS in HTML. Explain with a suitable example. 7

   (b) Describe this transform property in CSS with an example. 7

6. (a) Explain the z-index property with a suitable example. 7

   (b) Explain the transition property in CSS with an example. 7

UNIT-IV

7. (a) Explain the if.else statement in Javascript with an example. 7

   (b) Explain the difefrence between a while and a do-while loop in Javascript with an example. 7

8. (a) Explain the function in Javascript with a suitable example. 7

   (b) Discuss the operators in Javascript in detail. 7

UNIT-V

9. (a) Describe the browser object model (BOm) with an example. 7

   (b) Explain the add event Listerner( ) method with an example. 7

10. (a) Describe the document object model (DOM) with an example. 7

    (b) What is an event? How many types of event support in Javascript expalin in detail. 7

****