# Fourth Semester Degree Examinations

## May / June 2026

*(NEP Scheme) Open Elective*

## COMPUTER SCIENCE

**Paper : OEC 5300: Web Designing (Open Elective)**

*Time: 2 hrs.]* *[Max.Marks:60*

**Instructions to Students :**

1) *The students should legibly write Section number along with question numbers.*
2) *The answers without Section number and question numbers will not be valued.*
3) *The question numbers should be legibly written within the margin only.*
4) *This question paper consists of four Sections.*
5) *Answer all MCQ questions from Section I, FIVE questions from Section – II, THREE from Section - III and all questions from Section – IV.*
6) *Draw neat and labelled diagrams wherever necessary.*
7) *Symbols have their usual meaning.*

### SECTION – I / ವಿಭಾಗ – I

I. ***Select the most appropriate answer from options provided :*** ***10X1=10 Marks***

I -1) What does the acronym "IP" in IP address stand for ?

a) Internet Provider

b) Internet Protocol

c) Internal Program

d) Interface Protocol

I -2) What does HTML stand for?

a) HighText Machine Language

b) HyperText and Markup Language

c) HyperText Markup Language

d) None of the above

I -3) What tag is used to insert a line break in HTML?

a) <br> b) <break>

c) <lb> d) <nl>

***Contd...2***

I -4) What is the purpose of a domain name on the Internet?

a) To encrypt website data

b) To track user behavior

c) To provide a human-readable address for a website

d) To provide an IP address directly

I -5) How does a browser typically communicate with a web server?

a) Using Bluetooth

b) Through HTTP or HTTPS protocols

c) With SQL queries

d) With FTP commands

I -6) Which of the following makes an image a hyperlink?

a) <img href="link.html" src="img.png">

b) <a src="img.png"><img href="link.html"></a>

c) <a href="link.html"><img src="img.png"></a>

d) <img><a href="link.html">

I -7) What is the correct structure of a basic HTML document?

a) <html><head><body><title></title></body></head></html>

b) <head><html><title><body></body></title></html>

c) <html><head><title></title></head><body></body></html>

d) <body><head><html><title></title></html></head></body>

I -8) What is the purpose of HTML frames?

a) To add animations

b) To play videos

c) To divide the browser window into multiple sections

d) To improve website SEO.

I -9) What does CSS stand for?

a) Computer Style Sheets

b) Creative Style Sheets

c) Cascading Style Sheets

d) Colorful Style Sheets

*Contd...3*

**Q.P. Code No.19230**

I -10) Which CSS rule is used to make text bold?

a) font-weight: bold;

b) text-bold: true;

c) font-bold: yes;

d) weight: strong;

## SECTION – II

**II.** ***Answer any FIVE of the following.*** ***5X 3= 15 Marks***

II -1) What is TCP/IP? Name any two services provided under it.

II -2) Differentiate between a web server and a web browser.

II -3) What is domain name extension? Give two examples and explain their purpose.

II -4) Name and explain any three text formatting tags in HTML.

II -5) Explain the basic steps involved in establishing a connection between a web browser and a web server.

II -6) Write the syntax of an ordered list and an unordered list in HTML.

II -7) Write HTML code to create a hyperlink to another HTML file named about.html with link text "About Us".

II -8) How do the margin and border CSS properties affect an HTML element?

## SECTION – III

**III.** ***Answer any THREE of the following.*** ***3X 5= 15 Marks***

III-1) Explain the basic concepts of the Internet and how communication takes place over the Internet.

III-2) Explain with a neat diagram the concept of client-server architecture with reference to web browsing.

III-3) Describe the role of the width, border, cell padding, and cell spacing attributes in an HTML table.

III-4) What are HTML frames? Explain the use of <frameset> and <frame> tags with an example.

III-5) What is an external style sheet in CSS? Write the steps to create and link one in an HTML document.

***Contd...4***

**Q.P. Code No.19230**

## SECTION - IV

*2X 10= 20 Marks*

IV. ***Answer the following:***

IV-1) a) Define IP Address. Explain the role of ISP in achieving the task of assigning the IP Address.

**OR**

a) What is the role of HTTP in the communication between web browsers and web servers ? (10)

IV-2) a) Write HTML code to create a table with a caption, two rows, and three columns. Use border, cell padding, and cell spacing attributes.

b) Explain how the border, width, height, align, and alt attributes are used when adding graphics to an HTML document.

**OR**

a) Write HTML and CSS code to style a  with margin of 20px, background color blue, and width of 300px.

b) Explain the structure of a frameset with rows and columns using a suitable example. (5 +5)

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