

**CONFIDENTIAL**



**OPEN BOOK ASSESSMENT  
JUNE SEMESTER 2021**

**WEB SYSTEM AND TECHNOLOGIES  
(CSC2514)**

**(TIME: 2 HOURS)**

**MATRIC NO. :**

--	--	--	--	--	--	--	--	--

**IC. / PASSPORT NO. :**

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**LECTURER : PRAKASH CHANDRA PRASAD**

**GENERAL INSTRUCTIONS**

1. This question booklet consists of 4 pages including this page.
2. Answer **ALL** questions in the **ANSWER BOOKLET**.
3. Please refer to following format while answering the Questions:
  - a. Answers should be in Font: Times New Roman, Font size: 12 and single line spacing.
  - b. Write the Question number clearly.
  - c. Start new answer on a Fresh Page.

**CONFIDENTIAL**

**INSTRUCTIONS:**

**TIME: 2 HOURS**

**(60 MARKS)**

**There are FIVE (5) questions in this section. Answer ALL Questions in the ANSWER BOOKLET.**

1. Explain the role of the internet in the modern day education system and also mention different internet based tools and technologies used for teaching and learning.  
(10 marks)  
(CLO1:PLO1:C2)
2. Explain in detail, how a web page is retrieved from the web server with required diagram.  
(10 marks)  
(CLO1:PLO1:C2)
3. Write HTML and required internal CSS for the figure given below:



NOTE: use <div> to group the contents.

(15 marks)  
(CLO3:PLO6:C5)

4. Write HTML code for the figure given below contained in *register.php* file.

Personal information:

Name:

E-mail:

Select image to upload:  
 No file chosen

Website:

Comment:

Gender: ☒ Male ☐ Female ☐ Other

☐ I Accept all the condition

Illustrate the usage of *htmlspecialchars()* and write the complete PHP code to process the entered information in the same file and display following information:



Name: alexander  
Email: alex@gmail.com  
Website: www.alexander.com  
Comment: I am alexander the great  
Gender: male  
I accept all the condition

(15 marks)  
(CLO3:PLO6:C5)

5. Write HTML code for the figure given below:

Number 1

Number 2

The onclick event on add button should call JS function sum() and display the sum in alert window, as shown below:

Number 1

Number 2

localhost says

30

The onclick event on subtract button should call JS function sub() and display the result in alert window, as shown below:

localhost says

-10

The onclick event on multiply button should call JS function mul() and display the result in alert window, as shown below:

localhost says

200

(10 marks)  
(CLO3:PLO6:C5)

\*\*\* END OF QUESTIONS \*\*\*