QP Code: R251A009 | Reg. No | | | | | | | | | | | AY 23

# Gandhi Institute of Engineering and Technology University, Odisha, Gunupur (GIET University)

B. Tech (First Semester - Regular) Examinations, December 2025

## 25FYES10005 – Web Development

(Common to CSE, CSE(AIML), CSE(DS), ECE, EE(VLSID), EE and EEE)

Time: 3 hrs | Maximum: 60 Marks

**Answer ALL questions**

**(The figures in the right hand margin indicate marks)**

**PART – A** **(2 x 5 = 10 Marks)**

Q.1. Answer ***ALL*** questions

| | | CO # | Blooms Level |
|---|---|---|---|
| a. | What is the difference between GET and POST method? | CO1 | K1 |
| b. | What are the different CSS border properties? | CO2 | K2 |
| c. | What do you mean by array? How array can be declared in JavaScript? | CO3 | K1 |
| d. | What's the difference between var, let, and const? | CO4 | K2 |
| e. | How do you define a constant in PHP? | CO5 | K1 |

**PART – B** **(10 x 5 = 50 Marks)**

Answer ***ALL*** the questions

| | | Marks | CO # | Blooms Level |
|---|---|---|---|---|
| 2. a. | Describe at least 5 form elements? | 5 | CO1 | K1 |
| b. | Write a HTML program to create an online registration form which captures the following data:<br>Username, Password, Confirm password, Name using textboxes.<br>Gender by radio buttons.<br>Address should be taken by multiple line inputs from the user.<br>Finally, the Profession should be provided by selecting from the drop-down box.<br>Make sure the contents of the page is aligned in the middle. | 5 | CO1 | K2 |
| | (OR) | | | |
| c. | What do you mean by ROWSSPAN and COLSPAN. Create a webpage to display your class time table in tabular format. | 5 | C01 | K1 |
| d. | Create a page which contains two links- one at the top and one at the bottom. On clicking the top link, the page has to scroll down to the bottom of the page where bottom link is present. On clicking the bottom link, the page has to scroll up to the top of the page. | 5 | CO1 | K2 |
| 3.a. | Describe CSS Box model? | 5 | CO2 | K1 |
| b. | Create a webpage that displays the div element with the following text properties.<br>• Text colour: Magenta<br>• Text alignment: right<br>• Text decoration: underline<br>• Text transform: uppercase | 5 | CO2 | K2 |

• Text indent: 60 pixels

(OR)

| | | | | |
|---|---|---|---|---|
| c. | Write down differences between HTML and CSS? | 5 | CO2 | K1 |
| d. | Create a webpage that displays the hyperlink with the following colour attributes.<br>• Set the colour as %FF0000 for unvisited link<br>• Set the colour as %FFFF00 for visited link<br>• Set the colour as %FF00FF for mouse over link<br>• Set the colour as %0000FF for selected link | 5 | CO2 | K2 |
| 4.a. | Describe any 5 features of Java Script? | 5 | CO3 | K1 |
| b. | Write down a Java Script program to enter a number through HTML form and check whether it is a prime number or not? (without using any library functions) | 5 | CO3 | K2 |

(OR)

| | | | | |
|---|---|---|---|---|
| c. | Describe different types of loops used in Java Script? | 5 | CO3 | K1 |
| d. | Write down a Java Script program to enter a number through HTML form and check whether it is a palindrome number or not? (without using any library functions) | 5 | CO3 | K2 |
| 5.a. | Describe following properties/methods of Java Script<br>(a) innerHTML (b) getElementById() | 5 | CO4 | K1 |
| b. | Write a JavaScript code to validate the email by the help of JavaScript.<br>There are many criteria that need to be follow to validate the email id such as:<br>• email id must contain the @ and. character<br>• There must be at least one character before and after the @.<br>• There must be at least two characters after. (dot). | 5 | CO4 | K2 |

(OR)

| | | | | |
|---|---|---|---|---|
| c. | Describe any 5 methods of Math object? | 5 | C04 | K1 |
| d. | Write a JavaScript program which will have one textbox to get input as string and after giving input when you leave the input textbox, a function is triggered which transforms the input text to uppercase. | 5 | CO4 | K2 |
| 6.a. | What do you mean by array. Describe different types of arrays in PHP? | 5 | C05 | K1 |
| b. | Write a PHP program to check if a number is prime or not. | 5 | C05 | K2 |

(OR)

| | | | | |
|---|---|---|---|---|
| c. | What do you mean by loop. Describe different types of loops in PHP? | 5 | C05 | K1 |
| d. | Write a PHP program to print the first 10 Fibonacci numbers. | 5 | C05 | K2 |

--- End of Paper ---