

Term End Examination

Dec 2023

COS2066B - Basics of Web Technologies

Question Paper ID: 025804

Faculty/School	Faculty of Engineering and Technology	Term	III
Program	SYBCA	Duration	2 Hours 30 Minutes
Specialization		Max. Marks	70

Read the instructions provided for every question properly before attempting the answer.

Section - 1 : contain(s) **10** question(s) and each question carries **10** mark(s). You can answer any **7** questions out of **10**.

Click **Finish** only after completion of the Exam.

Section - 1 (7 X 10 Marks)

Answer any 7 questions

1	Explain Div element. Create a Div element and use it in the HTML document using the following attributes: • border should be 5px and color in red; • background color: pink color • text alignment: center • text color: black • text font size-12	10 marks	CO3	Analysing
2	Write the short notes on the following with the help of example: a) CSS element Selector b) CSS id Selector c) Class Selector d) CSS Universal Selector	10 marks	CO3	Understanding
3	Write the javascript code for evaluating the factorial of a number.	10 marks	CO2	Understanding
4	Using appropriate examples, thoroughly describe the different HTML formatting tags.	10 marks	CO1	Applying
5	Describe the selector and its function in CSS. Give appropriate examples to illustrate the different kinds of CSS selectors.	10 marks	CO2	Remembering

6	Explain the web page's header and footer. Create a header and a footer by writing the code for them.	10 marks	CO1	Remembering
7	Create a form using HTML and CSS to accept the following: 1. Full Name 2. Age 3. Email 4. Mobile number 5. Course	10 marks	CO3	Applying
8	Define jQuery and its features. Briefly explain the how the JQuery can be included in HTML document.	10 marks	CO2	Applying
9	In JavaScript, what is the difference between variable declaration and variable initialization?	10 marks	CO1	Remembering
10	Create DOM tree in J-query. Thoroughly explain the methods for returning all the descendant and childrens of the selected element.	10 marks	CO3	Understanding

END OF QUESTION PAPER