UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2018

Course: Responsive Mobile Platform   Semester: III
Programme: B.Tech(CSE+MC)   Course Code: CSMC2001
Time: 03 hrs.   Max. Marks: 100
Instructions: Attempt all questions. Internal choices have been given for Q9 and Q 11.

SECTION A
(5*4=20marks)

S. No.		Marks	CO
Q 1	Differentiate between HTML4 and HTML5?	4	CO1
Q 2	Define the four main components of Dojo?	4	CO4

Q 3	Fill in the blanks:
	   a. _____ tag in HTML5 is used to draw graphics.
	   b. _____ tag in HTML5 is used to show or hide contents.
	   c. _____ tag defines sections in a document or article.
	   d. _____ tag specifies navigation for a document.
		4	CO3

Q 4	Define dojo.query command with example?	4	CO4
Q 5	Create a function named "SUBTRACTER" using javascript which will perform subtract operation for any two numbers added by user?	4	CO1, CO2

SECTION B
(4*10=40 marks)

Q 6	Write a script for displaying a calculator using Dojo?	10	CO4
Q 7	Write a script to check whether the given number is Armstrong or not?	10	CO1, CO2
Q 8 1.	Make a simple web page that contains an h2 with the word "Hello" a text input box, and a button. When the user types a word or phrase into the input box and presses the button, replace the old h2 with the word entered.	10	CO1, CO2
Q 9	Explain the dojo.require and dojo.query with an example? OR Create a web page having two frames: one frame containing the list of animals and other frame should contain the image of the animal(on which mouse is kept over).	10	CO1, CO2, CO4

SECTION-C
(2*20=40 marks)

Q 10	Create an html page with two text input boxes and four buttons. The buttons should be labeled +, -, *, and /. When one of these buttons is pressed you should get the value from both text input boxes and add, subtract, multiply, or divide the numbers entered in the text input boxes. The result should be displayed below the	20	CO1, CO2

	buttons.		
Q 11	2. Make a simple web page that contains a button and a paragraph with the id of count Whenever this button is pressed increment the count by 1 and update the paragraph text. Also update the font size so that as the number gets larger, so does the font. 3. OR 4. Create a web application named "BH Number System". In this binary to hexadecimal and hexadecimal to binary conversions should be possible when user is entering a single number.	**20**	**CO1, CO2**

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SECTION A
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S. No.		Marks	CO
Q 1	Differentiate between HTML4 and HTML5?	4	CO1
Q 2	Define Dojo checkbox with example?	4	CO4

Q 3	Fill in the blanks:
	  a. _____ tag represents highlighted text.
	  b. _____ tag specifies video.
	  c. _____ tag captions for the figure tag.
	  d. _____ tag specifies state of work in progress.
		4	CO3

Q 4	Define dojo.ready command with example?	4	CO4
Q 5	Create a function named "ADDER" using javascript which will perform add operation for any two numbers added by user?	4	CO1, CO2

SECTION B
(4*10=40 marks)

Q 6	Write a script for displaying a calendar using Dojo?	10	CO3, CO4
Q 7	Write a script to check whether the given number is palindrome or not?	10	CO1, CO2
Q 8	Make a simple web page that contains an h2 with the word "Word" a text input box, and a button. When the user types a word or phrase into the input box and presses the button, replace the old h2 with the word entered.	10	CO1, CO2, CO3
Q 9	Create a web page having two frames: one frame containing the list of movies and other frame should contain the reviews of the movie(on which mouse is kept over). OR Create a web page of billing system which contains list of items with price. The products selected by user should display their total bill. Write the script for the same.	10	CO1, CO2

SECTION-C
(2*20=40 marks)

Q 10	Create an html page with two text input boxes and three buttons. The buttons should be labeled and, or, not and xor. When one of these buttons is pressed you should get the value from both text input boxes and and, or, not, or xor the numbers entered in the text input boxes. The result should be displayed below the buttons.	20	CO1, CO2
Q 11	Create a web application named "BD Number System". In this binary to decimal and decimal to binary conversions should be possible when user is entering a single	20	CO1, CO2

	number. OR Create an html page with two text input boxes and four buttons. The buttons should be labeled +, -, *, and /. When one of these buttons is pressed you should get the value from both text input boxes and add, subtract, multiply, or divide the numbers entered in the text input boxes. The result should be displayed below the buttons.		