

<b>Name:</b>	
<b>Enrolment No:</b>	

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

**Course: Responsive Mobile Platform**  
**Programme: B.tech(CSE+MAD)**

**Semester: 1**  
**Course Code: CSMC2001**

**Time: 03 hrs.**

**Max. Marks: 100**

**Instructions: Attempt all questions. Internal choice has been given in Q 9 and Q 11.**

**SECTION A**  
**(5\*4=20 marks)**

S. No.		Marks	CO
Q 1	Fill in the blanks: (1 mark each) a. _____ are the instructions that can be embedded directly into the text of the document. b. A _____ is a word, group of words, or image that you can click on to jump to a new document within the current document. c. _____ is a prototype or plan for organization of elements on a web page. d. A _____ tree is an in-memory representation of a document.	4	CO1
Q 2	Define javascript? Mention five main features of javascript?	4	CO2
Q 3	How to declare a javascript function? Explain with an example.	4	CO2
Q 4	Explain the role of dojo.require() function?	4	CO4
Q 5	List the objectives of HTML5?	4	CO3


**SECTION B**  
**(4\*10=40marks)**

Q 6	Write a script to check whether the given number is palindrome or not?	10	CO2, CO3
Q 7	Write a simple program in JavaScript to verify age of any person, if age is greater than 18 show message adult otherwise show under 18.	10	CO2, CO3
Q 8	Explain event handling using Dojo with an example?	10	CO4
Q 9	Explain object orientation concept in Dojo? OR Explain inheritance concept in Dojo?	10	CO4

**SECTION-C**  
**(2\*20=40 marks)**

Q 10	Create a sign-in HTML form containing two textboxes of email id and password and one submit button. Write a script in such a way that on clicking on submit button it should be redirected to your email account. Also apply email id validation and password validations scripts?	20	CO1, CO2, CO3
Q 11	Using switch case statement of javascript, create a web page to find out the day of the week along with the user name. OR	20	CO2, Co3

Using switch case statement of javascript, create a web page to find out the month of the year along with the user name.		
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<b>Time: 03 hrs.</b>	<b>Max. Marks: 100</b>
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<b>SECTION A</b>			
<b>(5*4=20 marks)</b>			

S. No.		Marks	CO
Q 1	Fill in the blanks: (1 mark each) a. _____ can create dynamic HTML content. b. _____ returns an HTML collection of the img elements in the document. c. Statements in javascript are terminated by _____. d. The _____ statement in Javascript enables web developers handle javascript errors within a block of code.	4	CO1, CO2
Q 2	Define Dojo? Mention five main features of Dojo?	4	CO4
Q 3	How to declare a javascript function? Explain with an example.	4	CO2
Q 4	Explain the role of dojo.ready() function?	4	CO4
Q 5	List some HTML document API properties and methods?	4	CO1

<b>SECTION B</b>			
<b>(4*10=40marks)</b>			

Q 6	Write a script to check whether the given number is armstrong or not?	10	CO2, CO3
Q 7	Write a simple program in JavaScript to verify gender of any person, if gender is female than show "FEMALE" otherwise show "MALE".	10	CO1, CO2
Q 8	Explain error handling using Dojo with an example?	10	CO4
Q 9	Explain object orientation concept in Dojo? OR Explain inheritance concept in Dojo?	10	CO4

<b>SECTION-C</b>			
<b>(2*20=40 marks)</b>			

Q 10	Create an HTML form containing following components:	20	CO1,
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	<ul style="list-style-type: none"> <li>a. One text box for username</li> <li>b. One text box for email id.</li> <li>c. One text box for entering password.</li> <li>d. One text box for confirming password.</li> <li>e. Submit button</li> </ul> <p>Write a javascript for email validation and password validations.</p>		<b>CO2, CO3</b>
Q 11	<p>Create an HTML form containing following components:</p> <ul style="list-style-type: none"> <li>a. One text box for first name</li> <li>b. One text box for last name</li> <li>c. Three drop down box for birthday in following order(dd-mm-yy)</li> <li>d. One submit button clicking on it will show window alert(account created)</li> </ul> <p style="text-align: center;">OR</p> <p>Create an array named Players containing following properties as first name, lastname, player number, experience (in years) and their earning. Write a script such that user can add different names of players into the array and on clicking on the button list of players should be displayed.</p>	<b>20</b>	<b>C01, CO2</b>