

Roll No: -----



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2017

Program: B.Tech. CSE-Mobile Computing
Subject (Course): Responsive Mobile Platform
Course Code: CSIT211
No. of page/s: 02

Semester – III
Max. Marks : 100
Duration: 3 Hrs

Note: 1. Attempt all the questions.

Section A

Each question carries 5 marks

- Q.1 What is the purpose of 'section' and 'article' tags in HTML5? Explain.
- Q.2 What do you mean by session storage in HTML5? Explain.
- Q.3 What is the purpose of creating hyperlinks? Explain.
- Q.4 What is CSS? Explain.

Section B

Each question carries 10 marks

- Q.5 Write a java script to find factorial of given number.
- Q.6 Write a java script to generate Fibonacci series using do while loop.
- Q.7 Write a java script using for loop to display sum of first 100 numbers.
- Q.8 What is the difference between HTML and HTML5? Explain.

Section C

Each question carries 20 marks

- Q.9 Write and explain the steps to create a Dojo application using IBM Rational Application Developer.

Q. 10 Give a brief note on the following:

- a) Dijit
- b) Dojo Effects
- c) Dojo Mobile
- d) Events with Dojo

OR

Q.10 (a) How special characters are represented in HTML. Explain.

(b) Explain the Dojo architecture.

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Section A

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Q.1 What is the purpose of 'dialog' and 'figure' tags in HTML5? Explain.

Q.2 Explain 'header' and 'footer' tag in HTML5.

Q.3 Which tag is used to create checkbox? Explain.

Q.4 What is the default direction of marquee tag? Explain.

Section B

Each question carries 10 marks

Q.5 What are the advantages and disadvantages of HTML. Explain.

Q.6 Explain the basic elements of HTML.

Q.7 Write a java script to validate an email address.

Q. 8 Write a java script to manipulate array.

Section C

Each question carries 20 marks

Q.9 (a) How special characters are represented in HTML. Explain.

(b) Explain the Dojo architecture.

Q.10. Give a brief note on the following:

- a) Key features of Dojo Mobile
- b) Dijit
- c) Keyboard events with Dojo
- d) Dojo DOM functions

OR

Q.10 Write and explain the steps to create a Dojo application using IBM Rational Application Developer.