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| Name: |  UPES UNIVERSITY WITH A PURPOSE |
| Enrolment No: | |

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: Responsive Mobile Platform

Semester: II

Program: B. Tech in CSE GG

Course Code: CSMC 2001

Time 03 hrs.

Max. Marks: 100

SECTION A

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| Q 1 | How an image named 'bg.png' is provided in HTML? | 4 | CO1 |
| Q 2 | Write HTML code for creating a page with title 'My first web page'? | 4 | CO2 |
| Q 3 | What are mixins in bootstrap framework? | 4 | CO2 |
| Q 4 | What are attributes in HTML tags? Briefly explain with example? | 4 | CO4 |
| Q 5 | What do you mean by responsive web programming? Name any two most widely used responsive mobile framework? | 4 | CO5 |

SECTION B

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|-----|---|-----------|------------|
| Q 6 | With the help of diagram explain how padding attribute can be used to style elements in HTML? | 10 | CO2 |
| Q 7 | Write the code to display below items in an ordered list in disk marker in HTM? i) Tea ii) Coffee iii) Cold drink iv) Water | 10 | CO3 |
| Q 8 | Write the corresponding JS and HTML code for invoking a function named 'calc()' defined in a JS file 'myFunc.js' on the clicking of a button with text 'Calculate'? | 10 | CO3 |
| Q 9 | With the help of table, list and detail all the four markers for controlling and mentioning elements and device size in bootstrap? <p style="text-align: center;">OR</p> Illustrate how the Bootstrap classes can be used for creating columns with varying sizes depending upon the screen sizes? | 10 | CO4 |

SECTION-C

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|------|---|-----------|------------|
| Q 10 | Demonstrate the effectiveness of using Glyphicons by beautifying a menu with some | 20 | CO4 |
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| | icons? Also demonstrate the way to create search box and badges using Bootstrap. OR Describe and demonstrate the power of Glyphicons by demonstrating the way to create alerts, button groups and toolbars using Bootstrap. | | |
| Q 11 | Demonstrate how pretty tabs can be created using Bootstrap with the example of single login and SignUP page? Draw cleanly the generated output UI? | 20 | CO5 |

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UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2019

Course: Gaming and Simulation
Semester: VIII
Program: B. Tech in CSE GG
Course Code: CSEG 473

Time 03 hrs.
Max. Marks: 100

SECTION A

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|-----|--|---|-----|
| Q 1 | Write a small example JavaScript code for using HTML5 video tag. | 4 | CO1 |
| Q 2 | Write HTML code for displaying the text 'Welcome to HTML' with H1 tag? | 4 | CO2 |
| Q 3 | Define a variable for color red using the preprocessor in bootstrap? | 4 | CO2 |
| Q 4 | Illustrate with diagrams how the text 'Hello' is displayed differently with any four heading tags in HTML? | 4 | CO4 |
| Q 5 | How the meta viewport element is provided in bootstrap framework? | 4 | CO5 |

SECTION B

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|-----|---|----|-----|
| Q 6 | With the help of diagram explain how margin attribute can be used to style elements in HTML? | 10 | CO2 |
| Q 7 | Write the code to display below items in an unordered list in square marker in HTML? i) Tea ii) Coffee iii) Cold drink iv) Water | 10 | CO3 |
| Q 8 | Write the corresponding JS and HTML code for invoking a function named 'display()' which displays message 'Reached' as alert, every time the page named testing.HTML is loaded? | 10 | CO3 |
| Q 9 | With the help of table, list the four classes with corresponding renditions for controlling display of elements across devices with different sizes in bootstrap? <p style="text-align: center;">OR</p> With the help of Bootstrap create a horizontal 'Contact Us' form as having elements for user name, email address, comments, subscription option and submit button. Use appropriate Bootstrap classes for this purpose. | 10 | CO4 |

SECTION-C

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|------|---|----|-----|
| Q 10 | Describe and demonstrate the usefulness of Jumbotron, Paginations and Breadcrumbs in Bootstrap? OR Describe the benefits of using Carousels in a website? How beautiful carousels can be created using Bootstrap? | 20 | CO4 |
| Q 11 | Demonstrate how pretty dropdown can be created using Bootstrap, by creating a dropdown for { User's account, profile, shopping cart, Notifications, Order History}. Draw cleanly the generated output UI? | 20 | CO5 |