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B.Tech.
PCS6J005

6th Semester Regular Examination 2017-18
INTERNET & WEB TECHNOLOGY
BRANCH : CSE
Time : 3 Hours
Max Marks : 100
Q.CODE : C428

Answer Part-A which is compulsory and any four from Part-B.
The figures in the right hand margin indicate marks.

Part – A (Answer all the questions)

Q1   **Answer the following questions :** *multiple type or dash fill up type :*   **(2 x 10)**

- **a)** A permanent connection to the internet is obtained by the ISP through its _____.
- **b)** The default HTML page that is delivered to a client connected to a web server is _____.
- **c)** _____ tag starts text from a new line skipping one line in between.
- **d)** The _____ attribute specify with the <LI> tag alter the numbering sequence for order list.
- **e)** _____ appear after the <DD>tag of the definition list.
- **f)** The amount of stress to the top and bottom of the image is indicated by _____.
- **g)** The distance between the data in a cell and the boundaries of the cell is controlled by _____ attribute.
- **h)** _____ controls the spacing between adjacent cells in the table.
- **i)** The splitting of a page into frames can be accomplished by using the _____ tag.
- **j)** _____ object is used to access information about the browser that is executing the current script

Q2   **Answer the following questions :** *Short answer type :*   **(2 x 10)**

- **a)** When we type an address into the web browser, how does it know which web server to get the page from?
- **b)** Explain what is DNS?
- **c)** What is the difference between Network and Internet?
- **d)** What is Exception handling in Java script?
- **e)** Which dialogue box is used in Java script to take user input? Give example.
- **f)** What is the use of <Img> tag? Write all its attributes.
- **g)** List different data types supported by PHP.
- **h)** Give at least four methods in Java script that can be used with the String object.
- **i)** What is internal and external style sheet?
- **j)** Differentiate between static and dynamic HTML.

Part – B (Answer any four questions)

Q3 **a)** How lists are handled in HTML? Design an HTML code for illustrating nested lists.   **(10)**

b) Explain what is a hyper link? What are internal and external hyper links? Give an example of External hyper link.   **(5)**

Q4 **a)** Write a program in Java script to enter a name and display the name in a message prompt with the length of the name. **(10)**

b) Create a form that contains text box, password field, radio buttons, check boxes and a submit button? **(5)**

Q5 **a)** Write a program to create a table with six rows and five columns? Write the use and application of attributes such as border, cells spacing, cell padding, row span and cols pan? **(10)**

b) Write short notes on Testing and debugging CGI PERL. **(5)**

Q6 **a)** How to create a new array object in java script? Write about four methods of array object with examples. **(10)**

b) Create a function using PHP to calculate 33% tax on the given salary? **(5)**

Q7 **a)** What is the difference between absolute and relative units of CSS measurement? Give examples of margin and padding to explain these two? **(10)**

b) Use CSS to do the following project **(5)**

(i) Write a style rule that uses body as selector and sets the color property to blue.

(ii) Write a style rule for the <h2> element. Set the color property to white and background color to blue.

(iii) Write a style rule for the <h2> element by setting font family property to sans –serif and padding property to 20px.

(iv) Finally write rules that select the <p>element and sets the font family property to sans –serif.

Q8 **a)** How do you embed a java applet into HTML? Give an example to use a Hello World class with height 350 and width 300 into an HTML file **(10)**

b) Give an account of different event attributes of forms. Explain at least five among them with examples. **(5)**

Q9 **a)** Develop a college website using frames. The top frame should contain an image file containing the logo and name of the college. There will be two vertical frames below the top frame .The right frame should be three times the size of the left frame. Explain how links on the left frame displays different web pages on the right frame. **(10)**

b) Write short notes Life cycle of applet **(5)**