

Seat No. _____

GANPAT UNIVERSITY

B. Tech SEMESTER-VI Computer Engineering Regular Examination May/June – 2012 CE 604: Web Technology

Time: 3 Hours]

[Total Marks: 70

Instructions:

1. Attempt all questions.
2. Be precise and to the point in your answer

SECTION-I

Que. 1 Answer the following questions.

[12]

1. List out HTTP request methods. Explain two commonly used request methods. 4
2. Explain HTTP URL with example. 4
3. What is web application? Explain types of web application. 3
4. Write purpose of MIME in the internet. 1

OR

Que. 1 Answer the following questions.

[12]

1. Discuss Web Architecture. 4
2. Explain Response Message of HTTP. 4
3. What is difference between web browser and web server? 3
4. Why HTTP known as stateless protocol? 1

Que. 2 Discuss Following Questions.

[11]

1. Explain about <table> and <frame> tag in detail. 4
2. Give difference between Pseudo elements and Pseudo classes. 3
3. Write HTML code to create following lists: 3

Processor:

1. Intel® Core™ i7 processor
 - a. i7-3930K
 - o 12M cache
 - o 6 Cores
 - o 12 Threads
 - o 3.20 GHz
 - o Rs. 38567
2. Intel® Core™ i5 processor
 - I. i5-3570K
 - 6M cache
 - 4 Cores
 - 4 Threads
 - 3.40 GHz
 - Rs. 30406
 3. Intel® Core™ i3 processor
 4. Intel® Pentium processor
4. What is the purpose of class selector? 1

P.T.O.

OR

Que. 2 Discuss Following Questions.

1. Explain following tag with example.

<pre>
<map>
<iframe>
<meta>

2. Explain Attribute Selectors with examples.

3. Write HTML & CSS code to generate following output:

| College Name: XYZ | | Academy Year: 2012-2013 | | |
|---------------------------|-----------|-------------------------|-----------|------------|
| Departments | U.G | P.G | PhD | Total |
| 1. Computer Engineering | 16 | 10 | 2 | 28 |
| 2. Information Technology | 22 | 8 | 3 | 33 |
| 3. Mechanical Engineering | 30 | 10 | 5 | 45 |
| Total | 68 | 28 | 10 | |
| Grand Total | | | | 106 |

4. What are the advantages of CSS?

Que. 3 Answer the following questions.

1. How XHTML differ from HTML?

2. Explain Strict, Transitional and Frameset declaration with its Syntax.

3. What is role of XML? Explain parts of XML document.

4. Create XML catalog for shop which sell computer peripherals and display all peripherals using HTML table.

P.T.O.

SECTION-II

Que. 4 Answer the following questions.

[12]

1. List out names of array methods. Explain any three methods with example. 4
2. Write a JavaScript program to print first N odd numbers divisible by 7. 4
3. Write a JavaScript code to change the background image at frequent intervals. 3
4. Define: getElementById() 1

OR

Que. 4 Answer the following questions.

[12]

1. Write a JavaScript function to find the sum of the first N prime integers. 4
2. How do you Create Date Object? Write down program of Digital Clock. 4
3. Explain HTML DOM with example. 3
4. What is the difference between innerHTML and innerText properties? 1

Que. 5 Discuss Following Questions.

[11]

1. Explain History Object with properties and methods. 4
2. Describe following events using Example. 4
Load, change, reset, select
3. Develop a JavaScript event object that displays Unicode character and its key code in status bar where you have press the key. 3

OR

Que. 5 Discuss Following Questions.

[11]

1. Explain Location Object with properties and methods. 4
2. Describe following events using Example. 4
Click, focus, resize, submit
3. Develop a JavaScript event object that shows co-ordinate (X, Y) of the location where you have Click the Mouse. 3

Que. 6 Answer the following questions.

[12]

1. Design Feedback Form with appropriate validation. 3
(Required validation to given inputs fields Username, password, Email, Message)
2. What is XMLHttpRequest Object? How do you get the XMLHttpRequest Object? 3
3. Write down Benefits & Limitations of AJAX. 3
4. Write steps to configure / host a website. 3

== END OF PAPER ==