GIET MAIN CAMPUS AUTONOMOUS GUNUPUR – 765022

B. Tech Degree Examinations, June – 2021
(Sixth Semester)
BITPCS6010 – WEB TECHNOLOGY AND MULTIMEDIA
(I.T)

Time: 2 hrs   Maximum: 50 Marks

Answer ALL Questions

The figures in the right hand margin indicate marks.

PART – A: (Multiple Choice Questions)   **(1 x 10 = 10 Marks)**

Q.1. Answer *ALL* questions   [CO#]   [PO#]

a. What is the full form of HTML?   1   1
- (i) HyperTextMarkup Language
- (ii) Hyper Teach Markup Language
- (iii) Hyper Tech Markup Language
- (iv) None of these

b. Who is Known as the father of World Wide Web (WWW)?   1   1
- (i) Robert Cailliau
- (ii) Tim Thompson
- (iii) Charles Darwin
- (iv) Tim Berners-Lee

c. The property in CSS used to change the background color of an element is   1   1
- (i) bgcolor
- (ii) color
- (iii) background-color
- (iv) All of the above

d. When interpreter encounters an empty statements, what it will do: 2   1
- (i) Shows a warning
- (ii) Prompts to complete the statement
- (iii) Throws an error
- (iv) Ignores the statements

e. In the following given syntax of the switch statement, the Expression is compared with the labels using which one of the following operators?   2   1

switch(expression)

{

  statements

}
- (i) ===
- (ii) equals
- (iii) ==
- (iv) =

f. When you need to obtain the ASCII value of a character which of the following function you apply in PHP?   3   1
- (i) chr( );
- (ii) asc( );
- (iii) ord( );
- (iv) val( );

g. PHP scripts are enclosed within _____   3   1
- (i) <php> . . . </php>
- (ii) <?php . . . ?>
- (iii) ?php . . . ?php
- (iv) <p> . . . </p>

h. MMF means   4   1
- (i) Mutimedia System
- (ii) Mutimedia Messaging Services
- (iii) Mutimedia Messaging
- (iv) Multimedia Services

System

i. The Audio Video Interleave was developed by ___ in 1992.   4   1

   (i)   Lotus   (ii)   Microsoft

   (iii)   IBM   (iv)   Apple

j. In which type of streaming multimedia file is delivered to the client, but not shared?   4   1

   (i)   Real-time streaming   (ii)   Progressive download

   (iii)   compression   (iv)   None of the mentioned

PART – B: (Short Answer Questions)   (2 x 5 = 10 Marks)

Q.2. Answer *ALL* questions   [CO#]   [PO#]

a. What feature is new in HTML5 and offers greater capability than cookies?   1   1

b. Give two cross-browser methods to display the URL assigned to the link with an id of this link.   2   1

c. How do you convert one variable type to another (say, a string to a number)?   3   1

d. Why do you suppose that an underscore is allowed in variable names ($current_user), whereas hyphens are not ($current-user)?   3   1

e. What is PNG?   4   1

PART – C: (Long Answer Questions)   (6 x 5 = 30 Marks)

Answer *ANY FIVE* questions   Marks   [CO#]   [PO#]

3. Explain the CSS Box Model and its different elements.   (6)   1   1

4. Give an example of how you would use counter-increment and counter-reset in CSS to create automatic numbering within a webpage.   (6)   1   2

5. Write a program using Javascript the function fixNames in uses the arguments array to take a series of strings passed to it and return them as a single string. The "fix" it performs is to convert every character in the arguments to lowercase except for the first character of each argument, which is set to a capital letter.   (6)   2   2

Example: DALLAS, and CowBoys

Output

Dallas Cowboys

6. Write a Javascript code for the following   (6)   2   2

It works by passing a single string to the main

menu code according to what the user requests. Let's say the options are Home,

About, News, Login, and Links, and we set the variable page to one of these according

to the user's input.

7. Briefly explain about array functions in PHP with an examples   (6)   3   1

8. Write a PHP program to a loan repayment calculator widget on a real estate   (6)   3   1,2

website.

Enter default values 25 years and 6 percent interest, so that the user can simply type either the principal sum to borrow or the amount that they can afford to pay each month.

9. Explain in detail about hypermedia documents.   (6)   4   1

10. Explain different broadcasting scheme on video on demand(Any 3)   (6)   4   1

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