C.U.SHAH UNIVERSITY
Winter Examination-2021

Subject Name: Advanced Web Development with PHP

Subject Code: 4CS04IWD1   **Branch: B.Sc.I.T.**

Semester: 4   **Date: 21/10/2021**   **Time: 11:00 To 02:00**   **Marks: 70**

Instructions:
(1) Use of Programmable calculator & any other electronic instrument is prohibited.
(2) Instructions written on main answer book are strictly to be obeyed.
(3) Draw neat diagrams and figures (if necessary) at right places.
(4) Assume suitable data if needed.

Q-1   **Attempt the following questions:**   **(14)**

a) Which attribute is used to retrieve number of rows from record set in MySQLi?
   A. number_of_rows   C. num_rows
   B.count()   D. num_rows()

b) Which function is used to fetch records from the recordset in MySQLi ?
   A. fetch_row()   C. fetch_array()
   B. fetch_assoc()   D. All of the above

c) Which sign does jQuery use as a shortcut for jQuery?
   A. $ C. %
   B. ?   D. &

d) Which jQuery method is used to hide selected elements?
   A. display(none)   C. visible(false)
   B. hidden()   D. hide()

e) jQuery is a _____ .
   A. JavaScript Library   C. JavaScript Language
   B. JavaScript Method   D. PHP Method

f) jQuery's main focus is ____.
   A. AJAX   C. DOM Manipulation
   B. Animations   D. All of the above

g) Full form of AJAX _____.
   A. Asynchronous Javascript and XML   C. Abstract JSON and XML
   B. Another Java And X-Windows   D. Another Java and XML Library

h) Which sever support AJAX?
   A. SMTP   C. HTTP
   B. WWW   D. FTP

i) Member variables of a class is also known as _____.
   A. Attribute   C. Instance
   B. Property   D. All of the above

j) Which one of the following is the right way to access a method?

    A. $object->methodName();   C. object::methodName();

    B. object->methodName();   D. $object::methodName();

k) GD library is used for creating and manipulating of _____.

    A. Images   C. Network

    B. Array   D. None of them

l) ImageColorAllocate ( ) function is used for _____

    A. Image Creation   C. Color matching

    B. Color allocation   D. Color reset

m) Which is the default pagesize in FPDF?

    A. A3   C. A4

    B. Legal   D. Letter

n) Which function is used to perform line break in FPDF?

    A. br()   C. breakline()

    B. ln()   D. cell()

Attempt any four questions from Q – 2 to Q – 8

Q-2   **Attempt all questions**

    (a) Explain XMLHttpRequest object with its properties and methods.   **(5)**

    (b) What is AJAX? How AJAX works?   **(5)**

    (c) Describe Onreadystatechange event.   **(4)**

Q-3   **Attempt all questions**

    (a) Explain imagerectangle() and imagefilledrectagle() with example.   **(5)**

    (b) What is Inheritance? Explain multilevel inheritance with example.   **(5)**

    (c) Explain cell() in pdf creation.   **(4)**

Q-4   **Attempt all questions**

    (a) Explain imageellipse() and imagefilledellipse() with example.   **(5)**

    (b) Describe about ajax request and ajax response.   **(5)**

    (c) How to create a database connection using OOPs MySQLi? Write an example.   **(4)**

Q-5   **Attempt all questions**

    (a) Explain prepared statement with example.   **(7)**

    (b) Explain fetching results using different methods in MySQLi.   **(7)**

Q-6   **Attempt all questions**

    (a) Explain imagestring() and imagestringup() with example.   **(7)**

    (b) Explain: fadeIn() and fadeOut() in jQuery with example.   **(7)**

Q-7   **Attempt all questions**

    (a) Describe about jQuery get and set elements with suitable example.   **(7)**

    (b) Explain jQuery mouse events with example.   **(7)**

Q-8   **Attempt all questions**

    (a) Explain basic concepts of OOP.   **(7)**

    (b) Explain constructor and destructor in PHP with the help of an example.   **(7)**