

Seat No. : _____

SD-126

October-2017

B.C.A., Sem.-VI

SEC-302(3) : Website Development-II (PHP, AJAX)

Time : 3 Hours]

[Max. Marks : 70

1. (a) (1) Define XAMPP. Explain its characteristics. **4**
(2) Write a short note on variables (with an example) in PHP. **3**

OR

- (1) Explain in detail, the role of phpMyAdmin and various functions of it.
(2) Write a short note on various operators used (with an example) in PHP.
(b) (1) Explain in detail, with an example : “Looping in PHP”. **4**
(2) How comments are used in PHP script ? Explain with examples. **3**

OR

- (1) Describe various types of conditional statements used in PHP.
(2) How array (with its types) is implemented in PHP ?
2. (a) Answer the following to insert a particular record into the table : **7**
(1) Write HTML code (form) to send the field values to PHP file for insertion.
(2) Write PHP script that inserts a record into table from received field values.

OR

Answer the following to search record(s) from the table :

- (1) Write HTML code (form) to send key value for search criteria.
(2) Write PHP script that searches and displays record(s) found if any.

- (b) (1) How database connectivity is implemented using MySQL in PHP ? 4
- (2) Explain \$_POST array with an example. 3

OR

- (1) How Global Variables are accessed in PHP ? Explain and give proper example.
- (2) Explain mysql_fetch_array() with proper PHP script.

3. (a) List the steps required and write PHP script to place asynchronous request to the server using XMLHttpRequest object. 7

OR

Write the required HTML code and corresponding AJAX script to handle XMLHttpRequest POST Request.

- (b) (1) What are the components of “AJAX Web Model” ? Draw an explain. 4
- (2) Explain DOM with suitable example. 3

OR

- (1) Write a short note on the limitations of Traditional Web Application Model.
- (2) Write an HTML code to access JavaScript function which is declared in .js file.

4. (a) Perform the following using PHP, JavaScript and AJAX : 7
- (1) Create a combo box named “Countries” with three items (Thailand, India, Burma) displayed in it. Send the selected country as a request to the server.
- (2) Write PHP script to receive this request through an XMLHttpRequest object and display server response on webpage.

OR

Perform the following using AJAX, PHP and MySQL :

- (1) Write a code to place an asynchronous request (through hyperlink of product “TV”).
 - (2) Access the desired data (product_code, product_name, product_rate) of “product” table from the “Company” database on server.
- (b) (1) Write a short note on Web Service Model. 4
- (2) Define : FTP, UDDI and HTTP. 3

OR

- (1) Write a short note on SOAP framework.
- (2) Define : XML, REST, WSDL.

5. Do as directed : 14

- (1) _____ code can be embedded into HTML tags.
- (2) \$_GET is used to collect the information sent by user through _____ method.
- (3) Associative Array contains data in pair of _____.
- (4) _____ method is used to create the connection to the server.
- (5) LAMP stands for _____.
- (6) PHP is an open source server side scripting language with no license fees. (T/F)
- (7) All the variables in PHP starts with @ symbol. (T/F)
- (8) XMLHttpRequest status code 200 indicates “request completed”. (T/F)
- (9) Asymmetric JavaScript and XML is the full form of AJAX. (T/F)
- (10) Web client is the service, useful to applications for Cross Platform & Cross Programming Language communications. (T/F)

(11) RPC stands for

- (a) Remote Platform Call (b) Remote Procedure Call
- (c) Reverse Platform Calling (d) Reverse Procedure Calling

(12) Id can be declared in CSS by

- (a) dot (.) (b) Hash (#)
- (c) Both (a) and (b) (d) None of the above

(13) What is the output of the following code ?

```
$x = array("one","two",3,4,"five"); echo $x[2];
```

- (a) "two" (b) 3
- (c) 4 (d) None of the above

(14) To execute a query in PHP Script, the method is _____

- (a) mysql_query() (b) mysql_execute()
- (c) mysql_run() (d) None of the above
