

C. U. SHAH UNIVERSITY

Summer Examination 2017

Subject Name: **Open Source Web Development**Subject Code: **4CS03BOP2**Branch: **B.C.A.**Semester: **3**Date: **29/03/2017**Time: **10:30 To 01:30**Marks: **70****Instructions:**

- (1) Use of Programmable calculator and 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.

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| a) Name the object which enables Javascript to access the server asynchronously. | 01 |
| b) State whether True or False: jQuery is not a replacement for Javascript. | 01 |
| c) Give the full form of MVC. | 01 |
| d) What is the use of CSS() in jQuery? | 01 |
| e) Write the statement to convert PHP GD generated images into PDF. | 01 |
| f) What is the use of gd_info? | 01 |
| g) Write the full form of i which reflect at last in MySQLi. | 01 |
| h) Describe JSON Schema. | 01 |
| i) What is the use of Smarty's nl2br? | 01 |
| j) What is the use of Smarty's {html_options}? | 01 |
| k) What is the meaning of \$("p:first-child")? | 01 |
| l) What is the use of .filter(function) in jQuery? | 01 |
| m) State whether True or False: PHP is used at the client side and jQuery at the server side. | 01 |
| n) What is smarty? | 01 |

Q. 2 Attempt all questions.

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| a) How does jQuery fit in with PHP? | 07 |
| b) What are the benefits of jQuery? | 07 |

Q. 3 Attempt all questions.

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| a) Write note on contextual help. | 07 |
| b) What is AJAX? Explain by visual representation of what happens when a typical AJAX-enabled web page is requested by a visitor. | 07 |

Q. 4 Attempt all questions.

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| a) Explain Quick Deletes functionality supports by jQuery by example. | 7 |
| b) Differentiate between MySQL & MySQLi. | 7 |



- Q. 5 Attempt all questions.**
- a) Explain by example: *Onreadystatechange* event in AJAX. 7
 - b) Explain JQuery Effects: hide, show, fade, slide, animate, stop, Callback, chaining. 7
- Q. 6 Attempt all questions.**
- a) How jQuery can be embedded within HTML? Explain JQuery functionality: get and set. 7
 - b) What is jQuery? Explain step-by-step to obtaining / accessing the jQuery libraries. 7
- Q. 7 Attempt all questions.**
- a) Give the example of any SEVEN variable modifiers available in Smarty. 7
 - b) What is use of GD Library? Explain *imagestring()* and *imagestringup()* functions with example. 7
- Q. 8 Attempt all questions.**
- a) Write the PHP code to establishing a database connection using OOPs and MySQLi and fetching the records. 7
 - b) What is JSON? Explain JSON data types in details. 7

