



**MAO-003-039403** Seat No. \_\_\_\_\_

**B. Voc. (ACTECH) (Sem. IV) (CBCS) Examination**

**March/April – 2018**

**ACTECH-4.3 : Advance Web Designing**

*(jQuery, CSS Framework, AJAX, Responsive Layout)*

**Faculty Code : 003**

**Subject Code : 039403**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

**1** Answer the following Questions : **20**

- (1) What are the features of bootstrap ?
- (2) What is the use of "lead" class in bootstrap ?
- (3) Explain <abbr> element.
- (4) Who have developed Bootstrap product and at where ?
- (5) Explain use of <mark> element in bootstrap ?
- (6) What is the difference between .container or .container-fluid class ?
- (7) What is use of <small> element in bootstrap ?
- (8) How many columns allowed by Bootstrap grid system across the page.
- (9) Explain Installation method of Bootstrap.
- (10) Explain \$(document).ready( )
- (11) What is full form of AJAX ?
- (12) Which tags are used with Button of Bootstrap ?
- (13) Explain Button state in Bootstrap.
- (14) Explain textarea control in Bootstrap.
- (15) What is prepend( ) method ?
- (16) What is before( ) method ?

- (17) What is `hover()` event in jQuery ?
- (18) What is `focus()` event in jQuery ?
- (19) Explain installation method of jQuery.
- (20) What is `append()` method to include HTML content in jQuery ?

- 2** (a) Attempt the following : (Any Three) **6**
- (1) jQuery Remove method.
  - (2) Explain `stop()` method.
  - (3) Explain jQuery `slideDown()` method with example.
  - (4) Explain click and `dblclick()` event with example.
  - (5) Explain `fadeIn()` methods with example.
  - (6) Explain jQuery `show()` method with example.
- (b) Attempt the following : (Any Three) **9**
- (1) Explain media query with example.
  - (2) Explain Form controls: inputs, textarea, checkboxes and radios.
  - (3) Explain Button group with example.
  - (4) Explain all three Get content method of jQuery with examples of all.
  - (5) Explain Emphasis features of Bootstrap with example.
  - (6) Write a Precompiled Bootstrap structure with all files.
- (c) Attempt the following : (Any **two**) **10**
- (1) Explain the Architecture of AJAX.
  - (2) Explain Responsive navbar and inverted navbar in detail.
  - (3) Explain jQuery Selectors with example.
  - (4) Explain any three Bootstrap tables with example.
  - (5) Write a program to convert string in uppercase with AJAX with post method.

- 3** (a) Attempt the following : (Any Three) **6**
- (1) What is callback() function ?
  - (2) Explain Fadeout() method with example.
  - (3) Explain Fadeto() method with example.
  - (4) Explain hide() method with example.
  - (5) Explain jQuery slideToggle() method with example.
  - (6) Explain jQuery slideUp() method with example.
- (b) Attempt the following (Any Three) **9**
- (1) Explain Button nesting.
  - (2) Explain form control states and disables inputs with example.
  - (3) Explain List in Bootstrap.
  - (4) Explain any three animate effect function.
  - (5) jQuery load() method of AJAX with example.
  - (6) Explain ajax() in jQuery.
- (c) Attempt the following : (Any Two) **10**
- (1) Write a program to insert record in php database by using AJAX.
  - (2) Explain vertical, horizontal and inline forms with example.
  - (3) What is Bootstrap Grid System? Explain in detail.
  - (4) Explain Button, classes and button size classes with example.
  - (5) Explain Forms in navbar, Buttons in navbar, Text in navbar with example.
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