

SANKALCHAND PATEL UNIVERSITY**B.Tech – SEMESTER (5) – EXAMINATION – WINTER 2018****Subject Code: 1ET1030504****Date: 27/10/ 2018****Subject Name: Web Application and Development****Time: 3 Hrs.****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q. 1 (A) Multiple Choice Questions.**10**

1. The _____ property specifies the stack order of an element.
(a) D-index (b) X-index
(c) S-index (d) Z-index
2. What is the correct HTML for adding a background color?
(a) <background> yellow <Background> (b) <body color = "yellow">
(c) <body bgcolor = "yellow"> (d) <body bg = "yellow">
3. Which tag is used to add Rows to tables?
(a) <td> (b) <tr>
(c) <row> (d) <rowspan>
4. Which of the following is not a function of robots meta tag?
(a) Norepeat (b) NoIndex
(c) NoFollow (d) INDEX
5. p {line-height: 150%;}. What type of selector is used in this case?
(a) Class (b) Element
(c) ID (d) None
6. Which of the following selectors selects any tag with an id attribute set?
(a) element#id (b) .class
(c) * (d) #ID
7. Which of the following is used to set cookies?
(a) setcookie() function
(b) \$_COOKIE variable
(c) \$HTTP_COOKIE_VARS variable
(d) isset() function
8. In PHP default behavior for user defined functions is.
a) Call-by-value b) Call-by-reference c) Call-by-type d) None
9. Which of the following is an equivalent replacement of \$(document).ready(f) ?
(a) jQuery(f) (b) #(f)
(c) \$(f) (d) None of the above.
10. \$_POST, \$_GET are example of
(a) Super array (b) Global variables
(c) Local variables (d) None

(B) Answer the following short question (2 marks each)**10**

1. What is Metadata ?
2. Explain <select> and <optgroup> html Tags.
3. Define HTML internal link using <a> Tag.
4. Explain \$_REQUEST in PHP.
5. Explain the difference between **visibility: hidden** and **display: none**?

Q. 2 Answer the following question**14**

- (A) Explain DOM structure of HTML.
- (B) Develop a JavaScript that does Addition, Subtraction, Multiplication (Radio Buttons of two integer Values (Textboxes) and store result in third textbox.

OR

- (A) What is a CSS selector? Explain All with Example.
- (B) Develop a JavaScript page that displays the selected item of the Combo box in to Textbox. Combo Box Contains Three items (Male, Female, E-mail).

Q. 3 Answer the following question (Attempt any two)**12**

- (A) Explain BOX MODEL in CSS
- (B) Explain jQuery Display, Fading and Sliding Effects with Example.
- (C) Design HTML form with javascript for registration purpose with following constraints:
 - 1. Name accepts only alphabet character.
 - 2. Mobile Number with exactly 10 Digits.
 - 3. Email Id in valid format.

Q. 4 Answer the following question (Attempt any two)**12**

- (A) Explain Cookies in PHP with Example?
- (B) Explain “class”, “id” and “pseudo-class” selector in CSS with Example?
- (C) Write a PHP script to display a table data stored in database (mydb). [table: City(cid, cname, pincode)]

Q. 5 Answer the following question (Attempt any two)**12**

- (A) What is session? Explain PHP session management.
- (B) What is Bootstrap Grid System? Explain With Example.
- (C) Write a PHP script for reading the content from text file and displaying data in tabular form.

Seat No.: _____

PR No. _____

SANKALCHAND PATEL UNIVERSITY
B. Tech – SEMESTER (5) – EXAMINATION – SUMMER 2019

Subject Code: 1ET1030504

Date: 29/04/ 2019

Subject Name: Web Application and Development

Time: 3 Hrs.

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q. 1 A. Answer the following questions.

10

- 1 Which of the following technique is used to design page layouts?
a) Table Tag b) CSS c) Any d) None
- 2 The “alt” attribute is used with the _____ tag.
a) <body> b) c) <table> d) <div>
- 3 Which of the following is not mandatory for XHTML document?
a) doctype b) title c) body d) All are mandatory
- 4 Which of the following is JavaScript concatenation operator?
a) # b) + c) . d) \$
- 5 Which of the following CSS properties is used to control text size in web page?
a) text-size b) font-size c) text-size d) None of Above
- 6 PHP code is included inside
a) <php> ... </php> b) <?php>...<?> c) <?php ... ?> d) Any
- 7 Which of the following function is used to start a session?
a) session_begin() b) session_start() c) start_session() d) Session.start()
- 8 Which of the following protocol deal with file transfer?
a) FTP b) HTTP c) HTTPS d) IMAP
- 9 mysql_query() function is used to
a) select the database b) execute the query on database
c) Create the database d) All of above
- 10 DOM stands for
a) Document Open Model b) Document Object Method
c) Document Object Model d) Document Open Method

Q. 1 B. Answer the following questions.

10

1. Write a regular expression to validate an email.
2. What is Bootstrap?
3. Define Web 2.0.
4. What is the difference between == and === operator in java script?
5. What is Meta Tag?

Q. 2 Answer the following questions. (Any Two)

14

- A** What are the factors need to be considered while planning a web site?
- B** Explain Ordered, Unordered, Nested and Definition lists with an example.
- C** What are different types of CSS? Explain each with an example.

- D** Design a webpage to list the various colors in webpage. When user moves the mouse cursor over the color then background of webpage should be replaced by particular color. i.e. if user moves cursor on red color then background of webpage should be red.

Q. 3 Answer the following questions. (Any Two)

12

- A** What is selectors in JQuery? List any six selectors with its description
B Discuss Bootstrap grid system with an example.
C Explain \$get() and \$post() methods with an example.

Q. 4 Answer the following questions. (Any Two)

12

- A** Write a PHP form to accept student's details also write PHP code to validate students email address, roll number and branch.
B Explain FRAME and IFRAME with an example?
C Write a program to generate following Table.

List Of Subjects	Subjects are as follows:	
	Semester	Name
	1 st	Maths – 1
	3 rd	Data Structuer
Branches	5 th	Java
	Computer	IT

Q. 5 Answer the following questions. (Any Two)

12

- A** Write a PHP program to upload a file and file must not be more than 500 KB.
B Discuss window object in JavaScript along with its various property.
C Explain following functions with an example:
 - mysql_connect()
 - mysql_select_db()
 - mysql_close ()

SANKALCHAND PATEL UNIVERSITY
B.Tech. - SEMESTER – 5 – EXAMINATION – WINTER 2019

Subject Code: 1ET1030504**Date: 19/11/ 2019****Subject Name: Web Application and Development****Time: 3 Hrs.****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q. 1 Do as directed.**20**

1. Write components of CSS style.
2. Differentiate: Web Browser and Web Server.
3. What do you mean by Bootstrap?
4. Explain following html tags: DOCTYPE, Marquee.
5. Write features of CSS3.
6. Give full name of: i. PHP ii. XAMPP.
7. What is the difference between == and === operator in java script?
8. Explain \$_REQUEST in PHP.
9. Define: Meta Tag.
10. With reference to PHP define use of echo and print.

Q.2 A. Explain the points which should be considered for planning a website.**7**

- B. Set background color of an element when the element (or any elements inside it) gets focus or Loses focus.**

7

OR

- B. What is CSS? Compare inline, embedded and external style sheet with example.**

7**Q.3 A. What is Document Object Model? Explain various objects in Document Object Model.****6**

- B. Explain \$get() and \$post() methods with an example.**

6

OR

- B. What is frame set? Explain the use of frame set in web site design with proper example.**

6**Q.4 A. Discuss Bootstrap grid system with an example.****6**

- B. Write Java Script to validate Mobile Number.**

- 1) Entered value must be numeric
- 2) 10 digit length

6

OR

- B. Write a PHP program to upload a file and file must not be more than 500 KB.**

6

- Q.5**
- | | | |
|-----------|--|----------|
| A. | List and describe JQuery selectors in detail. | 6 |
| B. | Explain database connectivity in PHP with example. | 6 |
- OR**
- | | | |
|-----------|--|----------|
| A. | Explain following functions with an example: | |
| | <ul style="list-style-type: none">• mysql_connect()• mysql_select_db()• mysql_close (). | 6 |
| B. | What is session? Explain PHP session management. | 6 |

SANKALCHAND PATEL UNIVERSITY
B.Tech. - SEMESTER – 5 – EXAMINATION – WINTER 2021

Subject Code: 1ET1030504**Date: 23/11/ 2021****Subject Name: Web Application and Development****Time: 3 Hrs.****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q. 1 Do as directed. 20
1. Give advantages and disadvantages of frames.
 2. Differentiate: HTML and XHTML.
 3. What do you mean by Bootstrap?
 4. Explain following html tags: Span, Marquee.
 5. Explain use of \$_SERVER [] in PHP.
 6. Give full name of: i. URI ii. URL.
 7. Why java script is called Client-side scripting?
 8. List features of Web 2.0.
 9. Explain following JavaScript function: prompt().
 10. With reference to PHP define use of echo and print.
- Q.2 A. Explain the Web Design issues in detail. 7
- B. What is Cascading Style Sheet? Explain various ways to write style rules in CSS with example. 7
- OR
- B. Explain database connectivity in PHP with example. 7
- Q.3 A. What do you mean by event in JavaScript? Give at least two examples of events with their handling. 6
- B. What is the difference between GET and POST methods in form submitting? Give the cases where we can use GET and POST methods. 6
- OR
- B. What is frame set? Explain the use of frame set in web site design with proper example. 6
- Q.4 A. Explain bootstrap grid system with an example. 6
- B. Design HTML form with java script for registration purpose. 6
- OR
- B. Set background color of an element when the element (or any elements inside it) gets focus or Loses focus. 6

- Q.5 A. Write a PHP program to store user registration (user-name, address, Date of Birth, age, gender) with mysql database. 6
- B. Explain in detail cookies and sessions in PHP. 6
- OR
- A. List JQuery selectors and explain in detail. 6
- B. Explain following functions with an example: 6
- mysql_connect()
 - mysql_select_db()
 - mysql_close ().

SANKALCHAND PATEL UNIVERSITY
B.Tech – SEMESTER (5) – EXAMINATION – SUMMER 2022

Subject Code: 1ET1030504**Date: 30/05/2022****Subject Name: Web Application and Development****Time: 3 Hrs.****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Q. 1 (A) Answer following Multiple Choice Questions.

10

1. Which of the following selectors selects any tag with an id attribute set?
(a) element#id (b) .class
(c) * (d) #ID
2. Which of the following is an equivalent replacement of \$(document).ready(f) ?
(a) jQuery(f) (b) #(f)
(c) \$(f) (d) None of the above.
3. Which tag is used to Merge Rows in HTML tables?
(a) <td> (b) <tr>
(c) <row> (d) <rowspan>
4. Which of the following is not a function of robots meta tag?
(a) Norepeat (b) NoIndex
(c) NoFollow (d) INDEX
5. Default method while submitting a HTML form is
(a) PUT (b) GET
(c) POST (d) SUBMIT
6. The _____ property specifies the stack order of an element.
(a) D-index (b) X-index
(c) S-index (d) Z-index
7. Which of the following is used to set cookies?
(a) setcookie() function
(b) \$_COOKIE variable
(c) \$HTTP_COOKIE_VARS variable
(d) isset() function
8. In PHP default behavior for user defined functions is.
a) Call-by-value b) Call-by-reference c) Call-by-type d) None
9. In HTML tables gap between two cells of same tables are known as
(a) Cell spacing (b) Cell difference
(c) Cell padding (d) Above all
10. \$_POST, \$_GET are example of
(a) Super array (b) Global variables
(c) Local variables (d) None

(B) Answer the following short question (2 marks each)

10

1. Explain \$_POST, \$_GET in PHP
2. Explain the difference between **visibility: hidden** and **display: none**?
3. Define HTML internal link using <a> Tag.
4. Explain HTML <sub><sup> Tag.
5. What is Metadata?

- Q. 2 Answer the following questions 14
- (A) Explain Cookies in PHP with Example?
 - (B) Develop a JavaScript page that displays the selected item of the Combo box in to Textbox. Combo Box Contains Three items (IND,AUS,USA).
- OR**
- (A) What is session? Explain PHP session management.
 - (B) Develop a JavaScript that does Addition, Subtraction, Multiplication (Radio Buttons of two integer Values (Textboxes) and store result in third textbox.
- Q. 3 Answer the following questions (Any two) 12
- (A) Explain jQuery Display, Fading and Sliding Effects with Example.
 - (B) Write a PHP script to Insert data in database (mydb) with HTML form Code. [table: Employee(eid, ename, mobile, ADHAR)]
 - (C) Design HTML form with JavaScript for registration purpose with following constraints:
 - 1. Name accepts only alphabet character.
 - 2. Mobile Number with exactly 10 Digits.
- Q. 4 Answer the following questions (Any two) 12
- (A) Explain PHP Exception Handling with Example.
 - (B) Explain BOX MODEL in CSS
 - (C) Enlist and explain the website design principles.
- Q. 5 Answer the following questions (Any two) 12
- (A) What is a CSS selector? Explain All with Example.
 - (B) Explain following HTML tags with example.
 - a) <map> b) c) <select> d) <link> e) <optgroup> f) <legend>
 - (C) What is Bootstrap Grid System? Explain With Example.
