

Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao-Goa
TY BCA Semester-V Semester End Examination, January 2022
Web Technology (CAC-117)

Duration: 2 Hours

Max Marks: 60

Instructions: i) *All Questions are compulsory*
ii) *Figures to the right indicate full marks*

Q. 1 A) State TRUE or FALSE

(5x1=05)

- i) UDP is a connection-oriented reliable service, which means that it guarantees the delivery of data packets.
- ii) In cascading Style sheets, the style tag is used to include an external style sheet file in HTML.
- iii) A simple type element or attribute has only text data and does not contain child elements or attributes within it.
- iv) JavaScript can be used to detect the visitor's browser.
- v) Digital certificates use a cryptographic technology called public-key cryptography to sign software publications and to verify the integrity of the certificate itself.

Q.1 B) Define the purpose of the following in not more than 20 words.

(5x1=05)

- i) SSL Record Protocol.
- ii) alert() in Client side scripting.
- iii) JavaScript Event 'mouseOver'.
- iv) session_destroy()
- v) Software Framework.

Q.2 Answer the following:

- (a) Give a point of difference between World Wide Web and Internet. (2)
- (b) Describe any 3 CSS Transformations along with the syntax of each. (3)
- (c) Explain the MVC architecture with the help of a diagram. (5)

Q.3. Answer the following:

- (a) Define Document Type Definition (DTD). (2)
- (b) Describe JSON parse() function with an examples. (3)
- (c) Explain any 2 PHP form validations with a code snippet. (5)

Q.4. Answer the following:

- (a) Give a point of difference between HTML and XML. (2)
- (b) State 3 points in favour of Digital Certificates. (3)
- (c) Explain prompt() and confirm() in Client Side Scripting using code snippet for each. (5)

Q.5. Answer the following:

- (a) List 2 features of Hierarchical Name Space. (2)
- (b) Describe XML schema with the help of a code snippet. (3)

- (c) Explain the steps required to display data from a database table using a Server side scripting language. Write the code snippet using the following data: (5)
- Employee:

Emp_id	First_name	Age	Department
21	Virat	25	HR

Q.6. Answer the following.

- (a) List 2 points on Virtual Private servers. (2)
- (b) Describe the DOM Hierarchy in brief. (3)
- (c) Explain the superglobals \$_GET and \$_POST with a code snippet for each. (5)