

Vidya Vikas Mandal's
Shree Damodar College of Commerce & Economics, Margao-Goa
TY BCA, Semester-V, Semester End Examination, November 2023
WEB TECHNOLOGY (CAC 117)

Duration: 2 hours

Max Marks: 60

*Instructions: 1) Figures to the right indicate Full Marks.
2) All Questions are compulsory.*

- Q1 A)** State whether the following statements are TRUE or FALSE (1 x 5 = 5 marks)
- a) The method 'document.getElementsByTagName(name)' finds the name by class name.
 - b) Web browser is a software application used to access information on the World Wide Web.
 - c) Get request sends form content as part of URL.
 - d) The matrix() method combines all the 2D transform methods into one.
 - e) <multimedia> element specifies a standard way to embed a video in a web page.
- Q1 B)** Define the following in approximately 50-80 words each. (1 x 5 = 5 marks)
- a) XML Namespace
 - b) Span tag
 - c) Flex in CSS
 - d) Ajax Framework
 - e) Digital signature
- Q2**
- A) Differentiate between world wide web and internet. 02
 - B) Explain the error handling mechanism in JavaScript. 03
 - C) Explain the concept of XML and DTD with the help of example. 05
- Q3**
- A) Compare Libraries and Framework. 02
 - B) Explain the PHP include and require statements. 03
 - C) Write a user defined function to accept two numbers as arguments and perform any 4 mathematical operations using PHP. 05

- Q4) A) Explain any 2 principles of web security. 02
B) Differentiate between session and cookies. 03
C) Write a short note on DOM Hierarchy. 05

- Q.5. A) Write a short note on Well-formed XML document. 02
B) Explain MVC architecture with the help of a diagram. 03
C) Explain the steps required to display data from database table using a server-side scripting language. Write the code snippet using the following data. 05

Roll_no	Department	Course	Subject
1145	CS	TYBCA	Web Technology

- Q.6. A) Write a short note on JSON. 02
B) Mention any 3 characteristics of client-side scripting. 03
C) Explain the different types of web hosting. 05