

Goa Vidyaprasarak Mandal's  
**GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS**  
**FARMAGUDI, PONDA - GOA**  
**B.C.A. CBCS (SEMESTER-V) REGULAR EXAMINATION, NOVEMBER 2023**  
**WEB TECHNOLOGY**

**Duration: 2 Hours**

**Marks: 60**

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

**Q.1. Answer the following: (5x1 Mark =05 Marks)**

A. Match the following:

- |                           |   |
|---------------------------|---|
| 1. Rendering engine       | A. CSS property specifies line breaking rules       |
| 2. SSL                    | B. Unreliable transport protocol                    |
| 3. POST request           | C. Protocol for managing the security of message    |
| 4. User Datagram Protocol | D. Responsible for displaying the requested content |
| 5. word-break             | E. Updates contents of Web server                   |

B. State whether following statements are **true** or **false**. (5x1 Mark=05 Marks)

- 1) The CSS background-size property allows you to specify the size of background images
- 2) The cover keyword scales the background image to be as large as possible
- 3) CSS writing-mode property specifies whether lines text are laid out horizontally or vertically
- 4) DTD doesn't support namespace
- 5) CDATA is parsed character data.

**Q.2. A. List any four applications and advantages of JavaScript. (2 marks)**

B. What is DTD? What are limitations of DTD. (3 marks)

C. Explain with an example any 5 types operators in JavaScript (5 marks)

**Q.3. A. Write short note on Events and Event handlers. (2 marks)**

B. Define XML attribute. List rules for well-formed Document. (3 marks)

C. Explain following using example w.r.t. JSON : (5 marks)

1. JSON.parse()
2. JSON.stringify()

**Q.4. A. Write a short note on PHP array operators. (2 marks)**

B. What is **Model-View-Controller (MVC)**.  
List any three features of MVC. (3 marks)

C. Explain any two types of form validation in PHP with the help of example. (5 marks)

**P.T.O.**

