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

(5x1 Mark =05 Marks)

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

Q.1. Answer the following:

A. Match the following:

- 1. Rendering engine
- 2. SSL
- 3. POST request
- 4. User Datagram Protocol
- 5. word-break

- A. CSS property specifies line breaking rules
- B. Unreliable transport protocol
- C. Protocol for managing the security of message
- D. Responsible for displaying the requested content
- 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)

Q.5. Answer the following: A. Write short note on PHP Cookies.	(2 marks)
B. Explain uses of Digital Signatures.	(3 marks)
C. Write a complete PHP code to Insert data in database and display data i Use following data – Name, Age, Mobile, Email	in tabular Format. (5 marks)
Q.6. A. Write a short note on server-side Scripting.	(2 marks)
B. Difference between Library and Framework. List any three types of frameworks.	(3 marks)
C. Explain in detail any five types of Web Hosting.	(5 marks)

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