

**C022631(022)**

**B. Tech. (Sixth Semester) Examination,**

**April-May 2023**

**(AICTE-Scheme)**

**(Computer Science & Engg. Branch)**

**WEB TECHNOLOGIES**

*Time Allowed : Three hours*

*Maximum Marks : 100*

*Minimum Pass Marks : 35*

*Note : Attempt all questions. Part (a) from each question is compulsory and carry 4 marks. Attempt any two parts from parts (b), (c) and (d) of each question carrying 8 marks.*

**Unit-I**

1. (a) What is Internet Protocol and why is it important?
- (b) What are differences between UDP and TCP protocols?
- (c) What is HTTP and how it is work?

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- (d) What is HTTP and how it is work?

**Unit-II**

2. (a) What is the role of CSS in web development?
- (b) Write HTML code to create a list, table and form.
- (c) Describe a model and structure for a Website?
- (d) What do you understand by ajax based web application?

**Unit-III**

3. (a) What is the importance of DHTML?
- (b) What is Popup box? What are the types of Popup box available in JavaScript?
- (c) How to create form and perform forms validations in JavaScript?
- (d) How to use Try and Catch Statement in JavaScript?

**Unit-IV**

4. (a) What is JSON and its use?
- (b) Differentiate between XML and XSL.

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- (c) Describe AJAX method with example and syntax.
- (d) Explain XML key components in detail?

**Unit-V**

5. (a) What is Database bugs?
- (b) How to create a table and how to insert data into it?
- (c) How to use array and function in PHP?
- (d) How to create and select database in PHP?