

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
BCA/MCA INTEGRATED - SEMESTER - II EXAMINATION - SUMMER 2025

Subject Code: BC02001031

Date: 05-06-2025

Subject Name: Advanced Web Technology

Time: 10:30 AM TO 01:00 PM

Total Marks: 70

Instructions

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Use of simple calculators and non-programmable scientific calculators are permitted.**

	Marks
Q.1 (a) 1. Write Full form of PHP. 2. Write Full form of HTTP. 3. Write Full form of AJAX. 4. Syntax of PHP 5. Syntax to declare variables in PHP. 6. Use of mkdir. 7. Write Full form of IDE.	07
(b) Demonstrate condition statements and loops in php with examples.	07
Q.2 (a) Explain the concept of callback functions in jQuery with a suitable example	07
(b) Difference between GET and POST Method	07
OR	
(b) Explain different form elements with examples.	07
Q.3 (a) What are the different types of arrays in PHP explain with examples?	07
(b) Explain Different types of Variable scope in PHP.	07
OR	
(a) Explain Implode, Explode, ksort, asort with example.	07
(b) What is a function? How to create and call a function in php?	07
Q.4 (a) What are cookies in PHP, and how do you create, read, and delete them?	07
(b) what is a session, and how can you create, access and delete sessions in PHP?	07
OR	
(a) Difference between Cookie and Session.	07
(b) List and Explain any 7 file operations with example.	07
Q.5 (a) List and Explain JQuery Selectors with example	07
(b) Describe the key components of Angular architecture and how they interact with each other.	07

OR

- (a)** What are JQuery Events? Enlist the commonly used events in JQuery with Example. **07**
- (b)** Explain the different data types supported by TypeScript with suitable examples? **07**

Enrollment No./Seat No.:

GUJARAT TECHNOLOGICAL UNIVERSITY
BCA/MCA INTEGRATED - SEMESTER - II EXAMINATION - WINTER 2025

Subject Code: BC02001031

Date: 03-12-2025

Subject Name: Advanced Web Technology

Time: 02:30 PM TO 05:00 PM

Total Marks: 70

Instructions

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Use of simple calculators and non-programmable scientific calculators are permitted.**

	Marks
Q.1 (a) Define the following terms. 1. Is PHP variables case sensitive? [true/false] 2. What is php.ini 3. PHP files have _____ extension. 4. PHP's numerically indexed array begins with position _____. 5. Write the full form of IDE? 6. What does PHP stand for? 7. PHP variables must begin with a "&" sign. [true/false]	07
(b) Define the following terms. isset() echo() strlen() print_r() Write the full form of AJAX? List out the PHP's data types (any four)	07
Q.2 (a) Explain GET and POST method in detail.	07
(b) Explain Directories in PHP.	07
OR	
(b) Explain Conditional statements in PHP with examples.	07
Q.3 (a) What is an array? Explain two dimensional array.	07
(b) Discuss User Defined Function in PHP with an example.	07
OR	
(a) Explain Selectors in jQuery.	07
(b) Explain following functions (1) include() & include_once() (2) require() & required_once()	07
Q.4 (a) Explain session variable with example.	07

- (b) Write a program that takes student information like std_id, std_name, std_add, std_dob, std_email using form and insert students data in the std_details table. 07

OR

- (a) Explain file handling functions. 07

- (b) What is Typescript? Explain its types in detail. 07

- Q.5** (a) Explain string functions in PHP. 07

- (b) What is Cookies? Explain how to use Cookies with example. 07

OR

- (a) What are events? Explain jQuery event methods with examples. 07

- (b) Explain bootstrap. 07
