

GYANMANJARI INNOVATIVE UNIVERSITY

Gyanmanjari Institute of Technology

B.Tech.- End Semester Examination (ESE)- Summer - 2026

Enrollment No.: _____

Date: 20/05/2026

Subject Code: BETCE14308

Semester: 4

Subject Name: Fundamental of Web Development-I

Total Marks: 100

Time: 10:30AM To 01:30PM

Instructions:

1. Question No. 1 is Compulsory.
2. Make Suitable Assumptions wherever necessary.
3. Figures to the right indicate full marks.

	Marks
Q.1 (a) What are form elements in HTML? List any five form elements.	05
(b) Explain the include() and require() functions in PHP. Also give difference between them.	05
(c) Write a PHP program that demonstrates exception handling using try, catch, and throw.	10
Q.2 (a) Define Data Types in PHP with examples.	05
(b) Explain features, the basic structure and syntax of PHP.	05
OR	
(b) Define AMP and explain relationship between Apache, MySQL and PHP.	05
(c) What are mathematical functions in PHP? Explain abs(), sqrt(), log(), and pow() with examples.	10
OR	
(c) Create student registration form using text box, check box, and radio button, select, submit button And display user inserted value in new PHP page.	10
Q.3 (a) Explain looping statements in PHP with a simple example.	05
(b) What is an Array in PHP ? List and explain all types with proper example.	05
(c) Write a PHP script to create a custom exception if a number is negative, using throw within try-catch blocks.	10
OR	
(a) 1) Write the output of ceil(4.2) and floor(4.8). 2) What is the use of the trim(), ltrim(), and rtrim() functions?	05
(b) What are conditional statements in PHP? Give an example.	05
(c) Create a student_management database and a students table with (id, name, email, age, course, enrollment_date). Perform CRUD operations: Insert five records, retrieve all students and those in a specific course, update a student's age, and delete a record by id.	10

- Q.4 (a) Write a PHP script to display submitted form values using `$_REQUEST`. 05
- (b) Write a PHP script to display submitted form values using `$_GET`. 05
- (c) Explain how to fetch records from a MySQL database using PHP with an example. 10

OR

- (a) What is a cookie in PHP? How do you set a cookie? Explain with example. 05
- (b) What is a session cookie, and how is it different from a regular cookie? 05
- (c) Create a file upload form where users can upload any file type. Display the file name, type, and size on upload. And store image in specific folder. 10
- Q.5 (a) List and explain different types of errors in PHP. 05
- (b) What is the importance of error handling in database operations? 05
- (c) Write a script to create a registration form with validation and form submission using PHP. 10

OR

- (a) How do you connect PHP with a MySQL database? 05
- (b) What is the difference between PHP `include()` and `require()`? 05
- (c) Create a form with radio buttons for selecting gender, textbox input to accept a user's name, textarea for user feedback, then display the entered data using the `$_POST` method. 10