

Roll No. ....

**2022574(022)**

**Diploma in Engg. (Fifth Semester)**

**EXAMINATION, Nov.-Dec., 2021**

**(Scheme : New) NITTR**

**(Branch : CSE)**

**WEB APPLICATION DEVELOPMENT**

*Time : Three Hours ]*

*[ Maximum Marks : 70*

*[ Minimum Pass Marks : 25*

**Note :** All questions are compulsory. All question carry equal marks.

1. Attempt any *three* questions :

- (a) Explain how HTML is integrated into PHP.
- (b) Difference between Client and Server Side Script.
- (c) What are the different features of PHP ?
- (d) Design a form by defining action, method, input, submit.

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2. Attempt any *three* questions :
- What are the different data types of PHP ?
  - Explain `strrev()`, `strlen()`, `strword_count()`, `strspn()` function with proper example.
  - What are the different types of operators ? Explain briefly.
  - Explain the working of `foreach` with the help of a proper example.
3. Attempt any *three* questions :
- Define a function to count the number of factor of a number.
  - Define a function with two arguments where each argument will have a default value.
  - What is super Global ? What is need of Super Global ?
  - Design a form and access the data of filled form.
4. Attempt any *three* questions :
- What are different SQL Operations that can be performed on tables ? Explain briefly.
  - Write a short note on phpMyAdmin.

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- What are different tasks that can be performed by MySQL Administration ? Explain each task.
  - Create a procedure that returns the whole table.
5. Attempt any *three* questions :
- What is the procedure to open a connection to the MYSQL ?
  - What is the method to close the connection in MySQLi and PDO ?
  - What is the advantage of PDO over MySQLi ?
  - Develop a program to demonstrate working of `prepare()`, `execute()`.

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