

PGDCSA (Rep) Sem.-2 Examination
Web Application Development

Time : 3-00 Hours]

February-2025

[Max. Marks : 50

Instructions:

- Write both the Sections in the separate answer book.
- Both Sections having equal weightage.
- Draw Diagrams wherever necessary.
- Make Assumptions wherever necessary.

SECTION – I

- Q-1** Attempt the following (any five) **10**
1. Write only name of any four PHP data type.
 2. Write only name of any four super global variable.
 3. Explain the following function with example: strlen
 4. Explain associate arrays with example.
 5. Explain with example: How you define constant in PHP.
 6. Differentiate == (=) and === (===) PHP operator with appropriate example.
 7. Which symbol is used in a function to pass the argument by reference?
- Q-2** Attempt the following (any three) **15**
1. What are the PHP's strengths? Explain any three PHP's strength compare to its competitors.
 2. Explain the meaning of following for Object-Oriented concepts in PHP with example in brief:
I. class II. object III. inheritance IV. interface V. overriding
 3. Explain the concept of variable scope in PHP. Discuss the types of variable scope and how they impact the accessibility of variables within a script.
 4. Explain with example use of the functions in PHP
i. empty ii. isnumeric iii. Func_num_args iv. sort v. substr

(P.T.O)

SECTION - II

- Q-1 Attempt the following (any three) 15**
1. List and explain any five File Modes with their name and use.
 2. Explain web database architecture with appropriate diagram.
 3. Why session tracking is difficult with PHP? Explain with appropriate diagram: How PHP keeps track of Session?
 4. List and explain any five built-in methods of Exception class.
- Q-2 Do as directed (any five) 10**
1. What are the four levels of privilege available in MySQL?
 2. What do you mean by Unix Epoch? What is Y2K38 problem?
 3. What are two types of Regular Expression? Explain preg_match function with appropriate example.
 4. Write only name any four storage engines supported by MySQL.
 5. Write only name of various types of Join.
 6. List and explain wild card characters that are typically used with like operator in Mysql?
 7. For uploading a file, HTML form , method attribute value must be _____ and enctype attribute value must be _____