

## Web Technology and Its Applications

### Module-IV (Question Bank)

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#### CHAPTER - 9

1. Explain defining and accessing one dimensional array in PHP with suitable code segments.
2. Explain defining and traversal (access keys & values) of multi-dimensional arrays in PHP with suitable code segments.
3. Explain insertion, deletion and check for value in an array with suitable code examples.
4. With data flow diagrams, explain the role of PHPs \$\_GET and \$\_POST arrays.
5. Explain the mechanism of accessing form array data with suitable HTML and PHP scripts.
6. Explain the role of server information keys by taking suitable code examples.
7. Explain the HTML and PHP script required for file uploads with suitable examples.
8. With the data flow diagram, explain the role of keys in \$\_FILES array in uploading files.
9. Explain THREE approaches to restrict the file size in file upload with suitable code segments.
10. Explain the checks need to limit the file types with suitable code segment.
11. Explain reading and writing files with stream access and in-memory access with suitable code segments.

#### CHAPTER - 10

1. Compare object layouts with respect to desktop and web applications.
2. Explain defining a class containing properties, methods and constructors; and object creation in PHP with an example and UML class diagram.
3. With suitable example and UML class diagram, explain encapsulation mechanism in PHP.
4. With suitable example and UML class diagram, explain support for inheritance in PHP.
5. With suitable example, explain the support for polymorphism in PHP.
6. Explain defining and implementing interfaces in PHP with suitable code segments.

#### CHAPTER - 12

1. Explain three different types of Website problems/errors with case examples.
2. Explain role and usage of three main error reporting flags in PHP.
3. Explain Procedural Error Handling mechanism in PHP with code segments.
4. Explain Object-Oriented Exception Handling constructs in PHP with code segments.
5. Explain defining Custom Error and Exception Handlers in PHP.

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