Web Based Programming - Question Bank

1. Write short notes on following
   1. static website vs dynamic website
   2. client side scripting vs server side scripting
   3. local servers and remote servers
   4. WAMP, LAMP, XAMPP, MAMP
2. Explain data types in PHP with examples. How do you create a variable in PHP? Give syntax and example. Differentiate between case sensitive constant and case insensitive constant using examples.
3. Explain following functions using examples: echo, print, print\_r
4. What are superglobal variables? Explain each super global variable with an example.
5. Explain regular expressions with examples.
6. How do you create a user-defined function in PHP? Give examples. Differentiate between call by value and call by reference with an example.
7. Explain if statement, if…else statement, and switch statement in PHP with examples.
8. Explain for loop and while loop in PHP with an example. How do you create a 1D and 2D array in PHP? Give examples.
9. Explain nested if statement with an example. How do you use foreach loop to display the values of an array.
10. Explain all array pre-defined functions.
11. Differentiate between GET and POST methods. Give an example of each.
12. What is a Cookie? How do you create, delete, and modify a cookie in PHP?
13. What is session? How do you start a session? How do you create a session? Explain with an example using session variables.
14. Explain the functions in PHP to (i) create and read a file (ii) open and close a file
15. What are the different file modes in PHP? Explain with an example.
16. Write short notes on (i) Class (ii) Object (iii) Inheritance (iv) Access Modifiers (v) Constructor (vi) Destructor (vii) Reusability