

JavaScript:

1. What is client side scripting language? Why we need client side scripting for web development?
2. What is JavaScript? Write different way to include JavaScript into HTML.
3. What is the importance of noscript tag?
4. What is operator, Describe different types of JavaScript operators with example?
5. What is control statement? Describe various control statement for JavaScript.
6. Describe with it's properties & methods with different example.
7. Why we need for programming? Describe various JavaScript loop.
8. What is function, How to create function in JavaScript, Describe with Example.
9. Describe different types of function in JavaScript.
10. What is Object, Describe different way to create custom object in JavaScript.
11. Describe Date Object with it's properties and methods.
12. Describe Math Object with it's properties and methods.
13. What are the different methods and properties associated with Browser and Window?
14. What is cookie, Describe importance of cookie with example?
15. Write a Code to Retrieve and Store cookie using JavaScript.
16. Why we need regular expression, Describe regular expression briefly.
17. What is event, Describe process of event handling in JavaScript?

Server side scripting and database connectivity

1. What is server side scripting language? Why we need web server in order to develop web application?
2. What is PHP? Describe awesome feature provided by PHP.
3. What is Variable? Write rules to create variable in PHP.
4. Describe importance of comment in programming? Describe PHP comments.
5. Describe different operators in PHP with example.
6. What is array in PHP? Describe different types of array in PHP with example.
7. Difference between for and for each loop also with coding example.
8. What is Global variable? Describe different global variable/array used by PHP.
 - a. \$_POST
 - b. \$_GET
 - c. \$_REQUEST
 - d. \$_SERVER
 - e. \$_SESSION
 - f. \$_COOKIE
 - g. \$_FILES
9. Describe following date functions with example:
 - a. time()
 - b. strtotime()
 - c. date()
 - d. mktime()
10. Explain how we can achieve file inclusion in PHP with different PHP functions.
11. Describe how we can upload file using PHP.

12. Describe different file handling function used by PHP.
13. What is session? Describe how session works with real time example.
14. Explain briefly advantages of session over cookie.
15. Describe setcookie() function with example.
16. Difference between echo and print.
17. What is the difference between \$message and \$\$message?
18. Describe different PHP data types with example.
19. What is function? Describe different types of user defined function in PHP.
20. Explain following function with example:
 - a. ucfirst(), strtolower(), strtoupper(), strlen(), strtolower(), ucwords(), lcfirst(), explode(), implode(), str_replace(), strcmp(), substr(), strpos()
 - b. array_chunk(), array_columns(), array_keys(), array_values(), array_pop(), array_push(), array_shift(), array_unshift(), array_slice(), array_splice(), sort(), asort()