

Question 1.

```
<?php
class Label {
    var $text;
    function Label($text) {
        $this->text = $text;
    }
}
$foo = new Label("foo");
$bar =& $foo;
$bar = new Label("bar");
print_r($foo);
?>
```

Answer: prints:

- a) [text] => foo
- b) [0] => bar
- c) [text] => bar
- d) [0] => foo

Question 2. Which of the following will not add john to the users array?**Answer:**

- a) \$users[] = 'john';
- b) array_add(\$users,'john');
- c) array_push(\$users,'john');
- d) \$users ||= 'john';

Question 3. What would the following code print to the browser? Why?

```
$num = 10;
function multiply(){
    $num = $num * 10;
}
multiply();
echo $num;
```

Answer:

- a) warning
- b) 100
- c) 10
- d) error

Question 4. What function would you use to redirect the browser to a new page?**Answer:**

- a) redir
- b) header()
- c) location()
- d) redirect()

Question 5.

Answer:

- a) fget();
- b) file_open();
- c) fopen();
- d) open_file();

Question 6. To configure PHP to send emails on a Windows server, you need to:

Answer:

- a) Set the SMTP: and sendmail_from: variables in the php.ini file
- b) Install SMTP_relay (or similar) onto your server, and set the sendmail_path: variable in the php.ini file
- c) Set the full path to sendmail in the sendmail_path: variable in the php.ini file

Question 7. Which of these could be used to maintain a variable from one form to the next?

Answer:

- a) static()
- b) \$_SESSION
- c) An image watermark
- d) variable_issaved()

Question 8. To get the age of a dog held in the object \$ourdog, you might write:

Answer:

- a) \$howoldishe = \$ourdog->getage();
- b) \$dogage = getage.\$ourdog();
- c) \$howoldishe = \$ourdog.getage();
- d) \$dogage = getage(\$ourdog);

Question 9. The add_new_country function ...

Answer:

- a) Adds a new Locale
- b) Adds a country (or some other top level domain such as .edu or .biz) to the \$accept_country array
- c) Adds a new country to the time zone lookup list. Allows you timestamp your pages according to the location of the browser rather than the server.
- d) doesn't exist unless you write it

Question 10. Which of these best describes the Object Oriented facilities of PHP?

Answer:

- a) The Zend Engine provided with PHP release 5 can accept an Object Oriented plug-in which can be downloaded from PEAR. With this plugin, PHP becomes a full OO language but otherwise its facilities in this area are limited to a maximum of 200 objects on any one run, each of which can't have more than 1024 properties.
- b) PHP had good object oriented facilities in release 4, although it wasn't not as complete an implementation of object orientation as you would find in Java. There's a much improved OO model in PHP 5.
- c) PHP was designed to be used for smaller web page based applications, and as such doesn't need (and doesn't have) any object oriented capabilities
- d) As of release 4 PHP was a full Object Oriented language, with encapsulation enforced by restricting keywords such as "private".

Question 11. The -q option on the PHP command line used to mean

Answer:

- a) Don't actually run PHP - just give a usage line and list of options
- b) Run from the command line rather than from a web page
- c) Don't output any HTML headers automatically
- d) Don't echo back any user inputs

Question 12. How do you set a cookie up to persist for 1 day from the time you set it?

Answer:

- a) use the cookie_update function, with a second parameter time()+1440
- b) use the setcookie function, with the second parameter time()+86400
- c) use the setcookie function, with a third parameter time()+1440
- d) use the setcookie function, with the second parameter time()+1440
- e) use the cookie_update function, with the first parameter time()+86400
- f) use the setcookie function, with a third parameter time()+86400
- g) use the cookie_update function, with a second parameter time()+86400
- h) use the cookie_update function, with the first parameter time()+1440

Question 13. The predefined __FILE__ variable contains

Answer:

- a) The name of the file that your script was started from
- b) The name of the latest file from which you have read
- c) The name of the current script file being executed
- d) The name of the latest file that you opened

Question 14. If you get a true value back from the mail function it means:

Answer:

- a) That your email has reached the recipient and been read
- b) That your email has reached your outgoing mail service
- c) That your email has FAILED to be sent for one of a number of reasons
- d) That your email has reached the recipient's mailbox (that's not necessarily on their computer - it might be a holding mailbox at their ISP for example)

- e) That your outgoing mail server has rejected your request to relay the mail, as PHP isn't an authorised user of that mail server.
- f) That your email has been forwarded successfully from your outgoing mail server

Question 15. PHP Handles XML through ...

Answer:

- a) The Expat C library
- b) The Gnome C library
- c) External calls made via exec() to third party applications
- d) Built in functions written by the authors of PHP

Question 16. what's the best way to copy a file from within a piece of PHP?

Answer:

- a) Print out a message asking your user to "telnet" in to the server and copy the file for you
- b) Use "exec" to run an operating system command such as cp (Unix, Linux) or copy (Windows)
- c) open the input and output files, and use read() and write() to copy the data block by block until read() returns a zero
- d) Use the built in copy() function

Question 17. What does the strcspn function do?

Answer:

- a) Returns the first position in a string that contains a character not in another string
- b) Changes all characters that are not acceptable in a string to another specified character, and returns the count of the number of changes
- c) Returns the position of the character that's lowest in the ASCII set in a given string
- d) Matches one string in another using glob style matching

Question 18. A static variable is

Answer:

- a) a variable that is available throughout all the functions of your script
- b) a variable whose value is shared between all the objects in a class
- c) a variable that retains its value from one invocation of a function to the next
- d) a named constant

Question 19. PHP is used

Answer:

- a) Within a JSP page
- b) As a stand alone language, or for web page use via an interfacing method such as CGI or SSI
- c) As a language embedded in a web page

- d) Primarily as a language embedded in an HTML web page, but it can also be used stand alone
- e) Primarily as a stand along language, but it can be embedded in an HTML web page.
- f) Within an ASP page

Question 20. How does PHP interface to the web server

Answer:

- a) Using CGI (Common Gateway Interface)
- b) As a built in library / module
- c) Using ASP
- d) Through SSIs (server side includes)
- e) Via a JSP or Servlet

Question 21. To access a form variable from the following PHP page (recent versions), you should

Answer:

- a) Access it via `$env("xxxxx")` where xxxxx is the name of the field
- b) Use a variable of the form `$_REQUEST[xxxxx]` where xxxxx is the name of the field
- c) call the `getpost()` function, and look up the value in the returned array
- d) use `[gets stdin]` to read the form data, and split it with `[split]`
- e) Use a `$` in front of the name of the field on the form

Question 22. PHP is:

Answer:

- a) A widget set for programmers
- b) A Database
- c) A network service
- d) A programming language

Question 23. The PHP Reference manual is

Answer:

- a) Part of the PHP distribution from www.php.de
- b) Written by Rasmus Lerdorf and published by O'Reilly
- c) Available for online reference at www.php.net, and also downloadable from that site if you want to print yourself a copy
- d) Written by John Ousterhout and published by Addison Wesley

Question 24. what's the result of $1 + 2 * 3 + 4$

Answer:

- a) 11
- b) 21
- c) 13
- d) 15

Question 25. In PHP, the word "bgcolor" is used as

Answer:

- a) it is reserved, but unused
- b) a special variable
- c) a regular variable
- d) it has no special use
- e) a function
- f) an operator

Question 26: Which of the following is not a valid variable name?

Answer:

- a) \$number_in_class
- b) \$number-in-class
- c) \$NumberInClass
- d) \$nic

Question 27. Comments in your PHP

Answer:

- a) Should be used, but sparsely - if you have a lot of them, they'll have a significant effect on the bandwidth of your server
- b) Should be used liberally to help anyone who has to read your program at a later date understand how it works
- c) Should be avoided if at all possible, but you might occasionally use them during development to leave a reminder for yourself of work that's still to be done before your program gets released into a production environment.

Question 28. To start a new line on the browser, you might

Answer:

- a) echo ""
- b) echo "
";
- c) send_newline();
- d) echo "\n";

Question 29. In PHP, the word "and" is used as

Answer:

- a) a regular variable
- b) it has no special use
- c) an operator
- d) it is reserved, but unused
- e) a function
- f) a special variable

Question 30. Who do you need to contact to obtain a license if you want to use PHP?

Answer:

- a) licensing@php.net
- b) No-one; it's open source and there's no need to register

- c) dial 1-800-PHP-LICN in the USA
- d) You can buy a license at your local computer store

Question 31. Which of these does PHP NOT stand for?

Answer:

- a) Pretty Hot Property
- b) PHP Hypertext Protocol
- c) Personal Home Pages

Question 32. The maximum length of a string held in a variable is ...

Answer:

- a) 1024 bytes
- b) 10240 bytes
- c) Just under 4 Megabytes
- d) There is no practical limit

Question 33. You'll use a loop in your PHP program

Answer:

- a) To make the code look more complicated for security purposes
- b) To slow down your response to the user so that he has time to read the answers that you're sending him
- c) PHP does not support loops
- d) To repeat a piece of code or HTML a number of times

Question34. What function would you use to tell the browser the content type of the data being output?

Answer:

- a) imagejpeg()
- b) imageoutput()
- c) flush()
- d) header()
- e) imageload()

Question35. What parameters does the func_get_args() function take?

Answer:

- a) It doesn't take any parameters
- b) name of function to check
- c) name of function to check, boolean "count optional arguments"

Question 36: What does the array_shift() function do?

Answer:

- a) Add an element to an array
- b) Removes an element from an array
- c) Shifts all elements towards the back of the array
- d) Switches array keys and values
- e) Clears the array

Question 37. What is the difference between `exec()` and `pcntl_exec()`?

Answer:

- a) Nothing, they are the same
- b) `pcntl_exec()` forks a new process
- c) `pcntl_exec()` can only be called from a child process
- d) None of the above

Question 38. If the input of `chr()` is `$a` and the output is `$b`, what function would take input `$b` and produce output `$a`?

Answer:

- a) `chr()`
- b) `rch()`
- c) `ord()`
- d) `strrev()`
- e) `chr(chr())`
- f) `chrrev()`

Question 39. Which function returns true when magic quotes are turned on?

Answer:

- a) `get_magic_quotes()`
- b) `magic_quotes_get()`
- c) `magic_quotes()`
- d) `get_magic_quotes_gpc()`
- e) `get_quotes()`

Question 40. If `$arr` was an array of ten string elements with specific keys, what would `array_values(ksort($arr))` do?

Answer:

- a) Create a new array of just the values, then sort by the keys
- b) Create a new array of just the values, then ignore the sort as there are no keys
- c) Sort the array by key, then return a new array with just the values
- d) Trigger a warning
- e) None of the above

Question 41. What is the return value of `array_unique()`?

Answer:

- a) Boolean
- b) Integer
- c) Array
- d) It varies
- e) None of the above

Question 42. Examine this code - on which line is there an error?

```
<?php
class dog
{ public function bark()
    {
        echo "Woof!";
    }
};
$foo = new dog;
$foo->bark();
?>
```

Answer:

- a) Line 2 (class dog)
- b) Line 3 (public function bark())
- c) Line 4 (echo "Woof!")
- d) Line 6 (} ;)
- e) Line 8 (\$foo = new dog)
- f) Line 9 (\$foo->bark())
- g) There is no error

Question 43 .What directive would you change in your php.ini file to disable assert()?

Answer:

- a) assert
- b) assert.active
- c) assert.enable
- d) assert.assert
- e) assert.options
- f) None of the above

Question 44. Joins are fastest when done using which data type:

Answer:

- a) INT
- b) JOIN
- c) FLOAT
- d) INDEX
- e) CHAR
- f) VARCHAR
- g) CACHE
- h) None of the above

Question45. What is the best description of a normalised table?

Answer:

- a) One where optimal data types are used
- b) One where data is not repeated
- c) One where the schema is valid
- d) One that is properly indexed
- e) One that has been defragmented

Question 46. The parse_str() function...

Answer:

- a) Checks a string of PHP code is valid
- b) Checks a string of PHP code is valid, then executes it
- c) Searches a string for non-English characters
- d) Converts the contents of a string into variables

Question 47. What would implode(".", explode(",", \$string)) do?

Answer:

- a) Replace all full stops (periods) with spaces
- b) Replace all full stops with commas
- c) Delete all full stops
- d) None of the above

Question 48. What is wrong in this hello.php ?

```
<html>
<head>
<title>PHP Test</title>
</head>
<body> <?php echo '<p>Hello World</p>'; ?>
</body>
</html>
```

Answer :

- a) You can not use html in php file.
- b) php tag i placed wrongly.
- c) It should start with <? and end with ?>
- d) Nothing wrong in it.

Question 49. What is the output of echo 'Current PHP version: ' . phpversion();

Answer:

- a) Prints the version of installed PHP
- b) Invalid, Syntact Error
- c) Runtime Error
- d) None of the above

Question 50. Does PHP supports message queue ?

Answer:

- (a) Yes
- (b) No
- (c) Yes, but without permissions.
- (d) Yes, but you can not use it for sending data.

Question 51. How to expire the session data after 30 mins ?

Answer :

- a) session_cache_expire(30)
- b) session_remove_data(30)
- c) session_remove_all(30)
- d) session_cache_remove(30)

Question 52. What is the return value of getenv('REMOTE_ADDR'); ?

Answer :

- a) It return the URL.
- b) It returns the Port number of the connected machine.
- c) returns the IP address of the machine which made request.
- d) returns IP Address of server.

Question 53. what is the output of this program ?

```
<?php
$a = 0123;
$b = 83;
echo "The difference is ". $a - $b ;
?>
```

Answer :

- a) 40
- b) -40
- c) 0
- d) 1

Question 54. Which of the following strings are not valid modes for the fopen() function?

Answer:

- a). a+b
- b). b+a
- c). at
- d). w
- e). x+

Question 55. consider the following piece of code:

```
<?php
$arr = array(3 => "First", 2=> "Second", 1=> "Third");
list(, $result) = $arr;
?>
```

Answer:

After running it, the value of \$result would be

- a) First
- b) Second

- c) Third
- d) This piece of code will not run, but fail with a parse error.

Question 56 When using the default session handler files for using sessions, PHP stores session information on the harddrive of the webserver. When are those session files cleaned up?

Answer:

- a) PHP will delete the associated session file when session_destroy() is called from within a script.
- b) When the function session_cleanup() is called, PHP will iterate over all session files, and delete them if they exceeded the session timeout limit.
- c) When the function session_start() is called, PHP will iterate over all session files, and delete them if they exceeded the session timeout limit.
- d) When the function session_start() is called, PHP will sometimes iterate over all session files, and delete them if they exceeded the session timeout limit.
- e) Session files are never removed from the filesystem, you need to use an automated script (such as a cronjob) to do this.

Question 57. Which of the following statements are correct? (Choose 3)

Answer:

- a) sprintf() does not output the generated string.
- b) printf("%2s%1s", "ab", "c") outputs the string abc.
- c) vprintf() takes at least one parameter; the first parameter is the formatting string and the following parameters are the arguments for the '%' placeholders.
- d) printf("%c", "64") will output @ and not 6.
- e) sprintf("%3.4f", \$x) outputs more than 7 characters.
- f) number_format() inserts thousands of separators and decimal points different from (,) and (.) respectively, while printf() like functions always use (.) as decimal point.

Question 58. The requirement is to return true for the case in which a string \$str contains another string \$substr after the first character of \$str? Which of the following will return true when string \$str contains string \$substr, but only after the first character of \$str?

1.

```
<?php
    function test($str, $substr) {
        return strpos(substr($str,1), $substr) >= 0;
    }
?>
```

2.

```
<?php
    function test($str, $substr) {
```

```

        return strrchr($str, $substr) !== false;
    }
?>

```

3.

```

<?php
    function test($str, $substr) {
        return strpos($str, $substr) > 0;
    }
?>

```

Answer:

- a) I only
- b) II only
- c) III only
- d) I and II
- e) I and III
- f) II and III

Question 59. What is the output of the following code snippet?

```

<?php
class Vehicle {
}
class Car extends Vehicle {
}
class Ferrari extends Car {
}
var_dump(get_parent_class("Ferrari"));
?>

```

Answer:

- a) string(7) "Vehicle"
- b) string(3) "Car"
- c) array(2)
 - { [0]=> string(7) "vehicle"
 - [1]=> string(3) "car"

Question 60. What is the purpose of the escapeshellarg() function?

Answer:

- a) Removing malicious characters.
- b) Escaping malicious characters.
- c) Creating an array of arguments for a shell command.
- d) Preparing data to be used as a single argument in a shell command.
- e) None of the above.

Question 61. Assume \$comment contains a string. Which PHP statement prints out the first 20 characters of \$comment followed by three dots (.)?

Answer:

- a) print substr(\$comment, 20) . '...';
- b) print substr_replace(\$comment, '...', 20);
- c) print substr(\$comment, 20, strlen(\$comment)) . '...';
- d) print substr_replace(\$comment, 20, '...');

Question 62. Which of the following sentences are not true? (Choose 2)

Answer:

- a) strpos() allows searching for a substring in another string.
- b) strrpos() allows searching for a substring in another string.
- c) strpos() and strrchr() return -1 if the second parameter is not a substring of the first parameter.
- d) strpos() and strrpos() can return a value that is different from an integer.
- e) The second parameter to substr() is the length of the substring to extract.
- f) strstr() returns false if the substring specified by its second parameter is not found in the first parameter.

Question 63. which of the following sentences are correct? (Choose 2)

Answer:

- a) time() + 60*60*100 returns the current date and time plus one hour.
- b) time() + 24*60*60 returns the current date and time plus one day.
- c) time() + 24*60*60*100 returns the current date and time plus one day

Question 64. If \$string is "Hello, world!", how long would the output of sha1(\$string) be?

Answer:

- a) It varies
- b) 16 characters
- c) 20 characters
- d) 24 characters
- e) 32 characters
- f) 40 characters

Question 65. If \$string is set to "Hello, world!", what is \$string{4}?

Answer:

- a) H
- b) e
- c) l
- d) o
- e) w
- f) r
- g) d

Question 66. How many parameters can the trim() function take?

Answer:

- a) 0
- b) 1
- c) 2
- d) 3
- e) 4+

Question 67. What is the order of parameters in the mail() function?

Answer:

- a) subject, to address, extra headers, body
- b) to address, subject, extra headers, body
- c) to address, subject, body, extra headers
- d) subject, to address, body, extra headers

Communication Functions

FTP
FileSystem
HTTP
Other

Databases

Connections
Database Design
SQL

General Functions

PDF
Regular Expressions
XML

HTML

Forms
General
Tables

Language Functions

Array
Date/Time
Image
Math
Strings

Language Structure

Basics
Control
Functions

Object Oriented PHP

Advanced Class Theory
Basics
Class Relations
Object Oriented Design