

### bitwise

What is the result of the following bitwise operation in PHP?

- 1 ^ 2  
 A. 1  
 B. 3  
 C. 2  
 D. 4  
 E. -1

Answer: B

### date

Which of the following will NOT instantiate a DateTime object with the current timestamp?

- A. `$date = new DateTime();`  
 B. `$date = new DateTime('@' . time());`  
 C. `$date = new DateTime('now');`  
 D. `$date = new DateTime(time());`

Answer: D

### date

Given the following DateTime object, which sample will NOT alter the date to the value '2014-02-15'?

- `$date = new DateTime('2014-03-15');`  
 A. `$date->sub(new DateInterval('P1M'));`  
 B. `$date->setDate(2014, 2, 15);`  
 C. `$date->modify('-1 month');`  
 D. `$date->diff(new DateInterval('-P1M'));`

Answer: D

### pdo

Which of these databases is NOT supported by a PDO driver?

- A. Microsoft SQL Server  
 B. SQLite  
 C. Microsoft Access  
 D. Berkeley DB

Answer: D

### object

An object can be counted with `count()` and `sizeof()` if it...

- A. implements `ArrayAccess`  
 B. has a public `__count()` method  
 C. was cast to an object from an array  
 D. None of the above

Answer: D

### class

Which of the following statements about PHP is false? (Choose 2)

- A. A final class can be derived.  
 B. A final class may be instantiated.  
 C. A class with a final function may be derived.  
 D. Static functions can be final.  
 E. Properties can be final.

Answer: A, E

### class

When a class is defined as final it:

- A. Can no longer be extended by other classes.  
 B. Means methods in the class are not over-loadable.  
 C. Cannot be defined as such, the final is only applicable to object methods.  
 D. Cannot be instantiated.

Answer: A

### arrays

Which value will be assigned to the key 0 in this example?

`$foo = array(true, '0' => false, false => true);`

Answer: true

### arrays

Which is the most efficient way to determine if a key is present in an array, assuming the array has no NULL values?

- A. `in_array('key', array_keys($a))`  
 B. `isset($a['key'])`  
 C. `array_key_exists('key', $a)`  
 D. None of the above

Answer: B

### string

What is the length of a string returned by: `md5(rand(), TRUE);`

- A. Depends on the value returned by `rand()` function  
 B. 32  
 C. 24  
 D. 16  
 E. 64

Answer: D

### Namespace

When Would you use classes and when would you use namespaces?

- A. Use classes to encapsulate code and represent objects, and namespaces to avoid symbol name collision  
 B. Use Classes for performance-sensitive code, namespaces when readability matters more  
 C. Use namespaces for performance-sensitive code, and classes when readability matters more  
 D. Always use them; namespaces are always superior to classes

Answer: A

### Namespace

What purpose do namespaces fulfill?

- A. Encapsulation  
 B. Alternative to classes  
 C. Improved performance  
 D. All of the above

Answer: A

### Namespace

What would be the output of the following code?

```
namespace MyFramework\DB;
class MyClass {
    static function myName() {
        return __METHOD__;
    }
    print MyClass::myName();
}
```

A. MyFramework\DB/myName  
 B. MyFramework\DB\MyClass\myName  
 C. MyFramework\DB\MyClass::myName  
 D. MyClass::myName

Answer: C

### Namespace

You'd like to use the class `MyDBConnection` that's defined in the `MyGreatFramework\MyGreatDatabaseAbstractionLayer` namespace, but you want to minimize as much as possible the length of the class name you have to type. What would you do?

A. Import the `MyGreatFramework` namespace  
 B. Import the `MyGreatFramework\MyGreatDatabaseAbstractionLayer` namespace  
 C. Alias `MyGreatFramework\MyGreatDatabaseAbstractionLayer\MyDBConnection` to a shorter name  
 D. Alias `MyGreatFramework\MyGreatDatabaseAbstractionLayer` to a shorter name

Answer: C

### Namespace

Which of these elements can be encapsulated by namespaces and made accessible from the outside?

A. Only classes  
 B. Classes, functions, and constants  
 C. Classes, functions, constants, and variables

Answer: B

### Class Constants

Which of the following statements is NOT true?

A. Class constants are public  
 B. Class constants are being inherited  
 C. Class constants can omit initialization (default to NULL)  
 D. Class constants can be initialized by `const`

Answer: C

### conjunction

Which of the following may be used in conjunction with `CASE` inside a `SWITCH` statement?

A. A scalar  
 B. An expression  
 C. A boolean  
 D. All of the above

Answer: D

### php

Given the default PHP configuration, how can all of the parameters provided via GET be accessed in a form of a string?

A. `$_GET['ALL']`  
 B. `$_SERVER['QUERY']`  
 C. `$_SERVER['QUERY_STRING']`  
 D. `$_ENV['QUERY']`  
 E. `$_QUERY_STRING`

Answer: C

### pdo

Which of these statements about PDO is NOT true?

A. PDO has built-in support for Large Objects (LOBs).  
 B. Placeholders within PDO prepared statements need to be named.  
 C. When something goes wrong, PDO can throw an instance of its own exception class.  
 D. PDO does not emulate missing database features.

Answer: B

### PHP

When retrieving data from URLs, what are valid ways to make sure all `file_get_contents` calls send a certain user agent string? (Choose 2)

A. `$default_opts = array('http' => array('user_agent' => "My Cool Browser")); $default = stream_context_set_default($default_opts);`  
 B. `stream_context_set_option("user_agent", "My Cool Browser");`  
 C. `ini_set('user_agent', "My Cool Browser");`  
 D. `stream_context_set_option($context, "http", "user_agent", "My Cool Browser");`

Answer: A, C

### PHP

Which of the following PHP values may NOT be encoded to a JavaScript literal using PHP's `ext/json` capabilities?

A. `'Hello, world!'`  
 B. `function(){ alert("Hello, world!"); }`

### PHP (cont)

C. `array('Hello, world!')`  
 D. `array('message' => 'Hello, world!')`

Answer: B

### PHP

Please provide the value of the `$code` variable in the following statement to set an HTTP status code that signifies that the requested resource was not found.

```
http_response_code($code);
```

Answer: 404, 404 Not Found

### PHP

Consider the following two files. When you run `test.php`, what would the output look like?

```
test.php:
include "MyString.php";
print ",";
print strlen("Hello World");

MyString.php:
namespace MyFramework\String;
function strlen($str)
return strlen($str) *2; // return double the string length

print strlen ("Hello World")
```

A. 12.12  
 B. 12,24  
 C. 24.12  
 D. 24,24  
 E. PHP Fatal error:cannot declare strlen()

Answer: C

### PHP

What is the benefit of using persistent database connections in PHP? (Choose two.)

A. Reduces the connection & authentication overhead of connecting to the database  
 B. Ensures that only a single connection is open to the database from PHP  
 C. Allows connection settings such as character set encoding to persist  
 D. Allows for a resumption of transactions across multiple requests.

Answer: C, D



### PHP

Which of the following is used to find all PHP files under a certain directory?

- A. PHPIterator
- B. RecursiveTreeliterator
- C. RecursiveDirectoryIterator
- D. SplTempFileObject

Answer: C

### PHP

What is the difference between "print" and "echo"?

- A. There is no difference.
- B. Print has a return value, echo does not
- C. Echo has a return value, print does not
- D. Print buffers the output, while echo does not
- E. None of the above

Answer: B

### PHP

Which of the following statements is true?

- A. All PHP database extensions support prepared statements
- B. All PHP database extensions come with their own special helper functions to escape user data to be used in dynamic SQL queries
- C. All PHP database extensions provide an OOP interface
- D. All PHP database extensions appear in the output of `php -m`, if installed and enabled

Answer: D

### PHP

What is the pattern modifier for handling UTF-8 encoded preg\_\* functionality?

- A. e
- B. u
- C. PHP does not support UTF-8 encoded strings
- D. a pattern modifier is not needed

Answer: B

### PHP

What is "instanceof" an example of?

- A. a boolean
- B. an operator
- C. a function
- D. a language construct
- E. a class magic

Answer: B

### php.ini

Given a php.ini setting of `default_charset = utf-8` what will the following code print in the browser?

```
header('Content-Type: text/html; charset=iso-8859-1');  
echo '><✓†';
```

- A. Three Unicode characters, or unreadable text, depending on the browser
- B. `&#9986;&#10004;&#10013;`
- C. A blank line due to charset mismatch

Answer: A

### php.ini

Your supervisor wants you to disallow PHP scripts to open remote HTTP and FTP resources using PHP's file functions. Which php.ini setting should you change accordingly?

Answer : `allow_url_fopen, allow_url_fopen=off, allow_url_fopen=Off, allow_url_fopen = off, allow_url_fopen = Off`

### php.ini

Which php.ini setting is usually required to use an opcode cache?

- A. extension
- B. zend\_extension
- C. optimizer
- D. dl

Answer: B

