200-710.50q

GRATISEXAM
Free Practice Exams

200-710

Zend Certified Engineer

QUESTION 1
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

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
You want to parse a URL into its single parts. Which function do you choose?

A. parse_url()
B. url_parse(0
C. get_url_parts()
D. geturlparts()

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
What is the output of the following code?

```
$text = 'This is text';

$text1 = <<<'TEXT'
$text
TEXT;

$text2 = <<<TEXT
$text1
TEXT;

echo "$text2";
```

A. This is text
B. $text
C. $text1
D. $text2

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
Given the following array:

```
$a = array(28, 15, 77,43);
```

Which function will remove the value 28 from $a?

A. array_shift()
B. array_pop()
C. array_pull()
D. array_unshift()

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
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 collisions
B. Use classes for performance-sensitive code, and namespaces when readability matters more
C. Use namespaces for performance-sensitive code, and classes when readability matters more
D. Always use them; namespaces as always superior to classes

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
What is the output of this code?

```
$world = 'world';
echo <<<'TEXT'
hello $world
    TEXT;
```

A. hello world
B. hello $world

C. PHP Parser error

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
Which of the following items in the $_SERVER superglobal are important for authenticating the client when using HTTP Basic authentication? (Choose two.)

A. PHP_AUTH_TYPE
B. PHP_AUTH_PASSWORD
C. PHP_AUTH_DIGEST
D. PHP_AUTH_PW
E. PHP_AUTH_USER

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Which of these error types may be handled by a user defined error handler function? (Choose two.)

A. E_ERROR
B. E_NOTICE
C. E_PARSE
D. E_WARNING

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
What method can be used to find the tag <any> via the DOM extension?

A. getElementById()
B. getElementsByTagName()
C. getElementsByTagNameNS()
D. getElementByName()
E. findTag()

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
In a shared hosting environment, session data can be read by PHP scripts written by any user. How can you prevent this? (Choose two.)

A. Store session data in a different location with `session.save_path`
B. Store session data in a database

C. Enable `safe_mode`

D. Set `session.name` to something unique.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
What is the output of the following code?

```
echo "1" + 2 * "0x02";
```

A. 1

B. 3

C. 5

D. 20

E. 7

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
After performing the following operations:

```
$a = array('a', 'b', 'c');
$a = array_keys(array_flip($a));
```

What will be the value of $a?

A. array('c', 'b', 'a')

B. array(2, 1, 0)

C. array('a', 'b', 'c')

D. None of the above

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
Which of the following functions are used to escape data within the context of HTML? (Choose two.)

A. `htmlentities()`

B. `addslashes()`

C. `stripslashes()`

D. `strip_tags()`

E. `htmlspecialchars()`

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
FILL BLANK

What is the output of the following code?

```
$a = [1 => 'Apple', 3 => 'Cactus', 5 => 'Elderflower'] +
      ['Banana', 'Dragon Fruit', 'Fig'];
echo count($a);
```

Correct Answer: 1
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
Which class of HTTP status codes is used for server error conditions?

A. 2XX
B. 3XX
C. 4XX
D. 5XX

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
What is the output of the following code?

```
$string = 'Good luck!';
$start = 10;
var_dump(substr($string, $start));
```

A. string(0) ""
B. bool(false)
C. string(1) "!"
D. string(2) "k!"

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
Consider 3 PHP files that are called asynchronously via XmlHttpRequest:

```
// s1.php
session_start();
sleep(1);

// s2.php
session_start();
sleep(2);

// s3.php
session_start();
sleep(3);
```

Which of the following statements is true? (Choose two.)

A. The total execution time for all 3 requests will be the maximum of the longest sleep() call
B. The requests may be processed out of order
C. The requests are guaranteed to be executed in order
D. Concurrent requests will be blocked until the session lock is released

Correct Answer: AB

QUESTION 19
Which of the following expressions will evaluate to a random value from an array below?

```
$array = ["Sue","Mary","John","Anna"];
```

A. array_rand($array);
B. array_rand($array, 1);
C. shuffle($array);
D. $array[array_rand($array)];
E. array_value($array, ARRAY_RANDOM);

Correct Answer: D

QUESTION 20
What is the output of the following code?

```
trait MyTrait {
    private $abc = 1;
    public function increment() {
        $this->abc++;
    }
    public function getValue() {
        return $this->abc;
    }
}
class MyClass {
    use MyTrait;
    public function incrementBy2() {
        $this->increment();
        $this->abc++;
    }
}

$c = new MyClass;
$c->incrementBy2();
var_dump($c->getValue());
```

A. Fatal error: Access to private variable MyTrait: $abc from context MyClass
B. Notice: Undefined property MyClass: $abc
C. int(2)
D. int(3)
E. NULL

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Under what condition may HTTP headers be set from PHP if there is content echoed prior to the header function being used?

A. headers_sent() returns true
B. Output buffering is enabled
C. The client supports local buffering
D. The webserver uses preemptive mode

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
What is the output of the following code?

```
echo '1' . (print '2') + 3;
```

A. 123
B. 213
C. 142
D. 214
E. Syntax error

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Which of the following is NOT true about PHP traits? (Choose two.)

A. Multiple traits can be used by a single class
B. A trait can implement an interface
C. A trait can declare a private variable.
D. Traits are able to be auto-loaded.
E. Traits automatically resolve conflicts based on definition order.

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
What Content-Type HTTP header value is required when sending an HTTP POST request using JavaScript to ensure that PHP can access the data?

A. application/x-www-form-urlencoded
B. http/post
C. text/html
D. object/multipart-formdata

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
Which of the following are NOT acceptable ways to create a secure password hash in PHP? (Choose two.)

A. `md5()`
B. `hash_pbkdf2()`
C. `password_hash()`
D. `crypt()`
E. `openssl_digest()`

Correct Answer: AE

QUESTION 26
An HTML form has two submit buttons. After submitting the form, how can you determine with PHP which button was clicked?

A. An HTML form may only have one button.
B. You cannot determine this with PHP only. You must use JavaScript to add a value to the URL depending on which button has been clicked.
C. Put two buttons in different forms, but make sure they have the same name.
D. Assign name and value attributes to each button and use $_GET or $_POST to find out which button has been clicked.

Correct Answer: D

QUESTION 27
An HTML form contains this form element:

```
<input type="file" name="myFile" />
```

When this form is submitted, the following PHP code gets executed:

```
move_uploaded_file(
    $_FILES['myFile']['tmp_name'],
    'uploads/' . $_FILES['myFile']['name']
);
```

Which of the following actions must be taken before this code may go into production? (Choose two.)

A. Check with `is_uploaded_file()` whether the uploaded file `$_FILES['myFile']['tmp_name']` is valid.
B. Sanitize the file name in `$_FILES['myFile']['name']` because this value is not consistent among web browsers.
C. Check the charset encoding of the HTTP request to see whether it matches the encoding of the uploaded file.
D. Sanitize the file name in `$_FILES['myFile'][' name']` because this value could be forged.
E. Use `$HTTP_POST_FILES` instead of `$_FILES` to maintain upwards compatibility.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
Which options do you have in PHP to set the expiry date of a session?

A. Set the `session.duration` directive in php.ini
B. Set session cookie expiry date locally via `session_set_cookie_params()`
C. Set session expiry date locally via `session_cache_expire()`
D. None of the above

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29

What is the output of the following code?

```
class Test {
    public $var = 1;
}

function addMe(Test $t) {
    $t->var++;
}

$t = new Test();
addMe($t);
echo $t->var;
```

A. 1
B. 2
C. null

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
What is the output of the following code?

```
namespace MyNamespace;
class Test {
}
echo Test::class;
```

A. MyNamespace\Test

B. empty string

C. parse error

D. Test

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
What is the output of the following code?

```
echo "22" + "0.2", 23 . 1;
```

A. 220.2231

B. 22.2231

C. 22.2,231

D. 56.2

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
Which of the following statements about Reflection are correct?

A. Reflection is an extension that can be disabled

B. Reflection is a new extension present only in PHP 7.0+

C. Reflection only allows to reflect on built-in classes

D. Built-in classes can be reflected on command line using php --rc <classname>

Correct Answer: D

Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
Which of the following techniques ensures that a value submitted in a form can only be `yes` or `no`?

A. Use a select list that only lets the user choose between `yes` and `no`.
B. Use a hidden input field that has a value of `yes` or `no`.
C. Enable the `safe_mode` configuration directive.
D. None of the above.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
Which of the following statements about anonymous functions in PHP are NOT true? (Choose two.)

A. Anonymous functions can be bound to objects
B. Anonymous functions created within object context are always bound to that object
C. Assigning closure to a property of an object binds it to that object
D. Methods bind() and bindTo() of the Closure object provide means to create closures with different binding and scope
E. Binding defines the value of $this and the scope for a closure

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
What will the following function call print?

```
printf('%010.6f', 22);
```

A. 22
B. 22.00
C. 022.000000
D. 22.000000

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
Which of the following can NOT be used to send a cookie from within a PHP application?

A. header()
B. $_COOKIE
C. setcookie()
D. setrawcookie()

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
Given a DateTime object that is set to the first second of the year 2017, which of the following samples will correctly return a date in the format '2017-01-01 00:00:01'?

A. $datetime->format('%Y-%m-%d %h:%i:%s')
B. $datetime->format('%Y-%m-%d %h:%i:%s', array('year', 'month', 'day', 'hour', 'minute', 'second'))
C. $datetime->format('Y-m-d H:i:s')

D. $date = date("Y-m-d H:i:s', $datetime);

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38
What function is best suited for extracting data from a formatted string into an array?

A. fgetcsv
B. sscanf
C. sprintf
D. strtok

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
FILL BLANK

What is the output of the following code?

```
class Number {
    private $v = 0;
    public function __construct($v) { $this-> = $v; }
    public function mul() {
        return function ($x) { return $this->v * $x; };
    }
}

$one = new Number(1);
$two = new Number(2);
$double = $two->mul()->bindTo($one);
echo $double(5);
```

Correct Answer: 5
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
One common security risk is exposing error messages directly in the browser. Which PHP configuration directive can be disabled to prevent this?

A. html_display
B. error_reporting
C. display_errors
D. error_log
E. ignore_repeated_errors

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Which of the following are valid code snippets? (Choose three.)

A. function 4You(){}
B. function_4You(){}
C. function object(){}
D. $1 = "Hello";
E. $_1 = "Hello World";

Correct Answer: BCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
What can prevent PHP from being able to open a file on the hard drive? (Choose two.)

A. File system permissions
B. File is outside of open_basedir
C. File is inside the /tmp directory
D. PHP is running in CGI mode

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
What exception type will catch the error raised by the expression 2 / 0?

A. LogicException
B. RangeException
C. DivisionByZeroError

D. ArithmeticError

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
What function can reverse the order of values in an array so that keys are preserved?

A. array_flip()
B. array_reverse()
C. rsort()
D. krsort()
E. array_multisort()

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
You work for a shared hosting provider, and your supervisor asks you do disable user scripts to dynamically load PHP extensions using the `dl()` function. How can you do this? (Choose two.)

A. Set `enable_dl` to `off` in the server's php.ini configuration file
B. Add `dl` to the current value of `disable_functions` in the server's php.ini configuration file.
C. Add `dl` to the current value of `disable_classes` in the server's php.ini configuration file.
D. Write a custom function called `dl()`, save it under the name `prepend.inc` and then set the `auto_prepend_file` directive to `prepend.inc` in php.ini.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
Consider the following table data and PHP code. What is the outcome?

Table data (table name "users" with primary key "id"):

```
id      name         email
--      ------       -------------
1       anna         alpha@example.com
2       betty        beta@example.org
3       clara        gamma@example.net
5       sue          sigma@example.info
```

PHP code (assume the PDO connection is correctly established):

```
$dsn   = 'mysql:host=localhost;dbname=exam';
$user = 'username';
$pass = '********';
$pdo   = new PDO($dsn, $user, $pass);

$cmd   = "SELECT * FROM users WHERE id = :id";
$stmt = $pdo->prepare($cmd);
$id    = 3
$stmt->bindParam('id', $id);
$stmt->execute();

$stmt-> bindColumn(3, $result);
$row   = stmt->fetch(PDO::FETCH_BOUND);
```

A. the database will return no rows.
B. The value of $row will be an array.
C. The value of $result will be empty.
D. The value of $result will be 'gamma@example.net'.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
Which of the following will set a 10 seconds read timeout for a stream?

A. ini_set("default_socket_timeout", 10);
B. stream_read_timeout($stream, 10);
C. Specify the timeout as the 5th parameter to the fsockopen() function used to open a stream
D. stream_set_timeout($stream, 10);
E. None of the above

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
What is the output of the following code?

```
function z($x) {
    return function ($y) use ($x) {
        return str_repeat($y, $x);
    };
}

$a = z(2);
$b = z(3);
echo $a(3) . $b(2);
```

A. 22333

B. 33222

C. 33322

D. 22233

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
What is a difference between the ?? operator and the ?: operator?

A. The ?? operator combines the ternary operator with isset()

B. The ?: operator combines the ternary operator with isset()

C. The ?: operator is only supported by PHP 7 onwards

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.sitepoint.com/using-the-ternary-operator/

QUESTION 50
Given the following PHP function:

```
function doSomething(?string $s) {
// …
}
```

Which of the following values for the $s parameter do NOT yield a type error when calling the doSomething() function?

A. 'null'

B. null

C. "

D. All of the above

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference: