200-710.exam

GRATISEXAM
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200-710

Zend Certified Engineer

Version 1.0

Exam A

QUESTION 1
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 2
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 3
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 4
Which methods can be used to overload object properties? (Choose two.)

A. set(), get()
B. __set(), __get()
C. __put(), __receive(), __exist()
D. set(), get(), isset()
E. _isset(), __unset()

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
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 6
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 7
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 8
SIMULATION
Which PHP function is used to validate where the contents of $_FILES['name']['tmp_name'] have really been uploaded via HTTP, and also save the contents into another folder?

Correct Answer: is_uploaded_file() -or- is_uploaded_file
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
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 10
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: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
SIMULATION
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 12
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 13
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: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14

Is the following code vulnerable to SQL Injection where ($mysqli is an instance of the MySQLi class)?

```
$age = $mysqli->real_escape_string($_GET['age']);
$name = $mysqli->real_escape_string($_GET['name']);
$query = "SELECT * FROM 'table' WHERE name LIKE '$name' AND age = $age";
$results = $mysqli->query($query);
```

A. No, the code is fully protected from SQL Injection.

B. Yes, because the $name variable is improperly escaped.

C. Yes, because the $name variable and the $age variable is improperly escaped.

D. Yes. because the $age variable is improperly escaped.

E. Yes, because you cannot prevent SQL Injection when using MySQLi

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15
An unbuffered database query will (choose two):

A. return the first data faster

B. return all data faster

C. free connection faster for others scripts to use

D. use less memory

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
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: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
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
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
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 19
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 20
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

QUESTION 21
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

QUESTION 22
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

QUESTION 23
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
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
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 25
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 26
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: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
Assuming UTF-8 encoding, what is the value of $count?

```
$data = '$1a2';
$count = strlen($data);
```

A. 4
B. 5
C. 7
D. 0

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
What is the output of the following code?

```
$first = "second";
$second = "fisrt";
echo $$$first;
```

A. "first"

B. "second"
C. an empty string
D. an error

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
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 30
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 31
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 32
What is the output of the following code?

```
for ($i = 0; $i < 1.02; $i += 0.17) {
    $a[$i] = $i;
}
echo count($a);
```

A. 1
B. 2
C. 6
D. 7

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
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 34
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 35

SIMULATION
What is the output of the following code?

```
function increment (&$val)
{
    return $val + 1;
}
$a = 1;

echo increment ($a);
echo increment ($a);
```

Correct Answer: 22
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
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 37
SIMULATION
Which PHP function sets a cookie and URL encodes its value when sending it to the browser?

Correct Answer: setcookie -or- setcookie()
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
SIMULATION
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 is the output of the following code?

```
try {
    class MyException extends Exception {};
    try {
        throw new MyException;
    }
    catch (Exception $e) {
        echo "1: ";
        throw $e;
    }
    catch (MyException $e) {
        echo "2: ";
        throw $e;
    }
}
catch (Exception $e) {
    echo get_class($e);
}
```

A. A parser error, try cannot be followed by multiple catch
B. 1:Exception
C. 1:MyExeption
D. 2:MyException
E. MyException

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
SIMULATION
Which PHP function is used to validate whether the contents of $_FILES['name']['tmp_name'] have really been uploaded via HTTP?

Correct Answer: is_uploaded_file() -or- is_uploaded_file
Section: (none)
Explanation

Explanation/Reference: