QUESTION NO: 1

You'd like to use the class MyDBConnection that's defined in the MyGreatFrarnework\GreafDatabaseAbstractionLayer 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 MyGreatFrarnework\GreafDatabaseAbstractionLayer namespace
C. Alias MyGreatFrarnework\GreafDatabaseAbstractionLayer\MyDBConnection to a shorter name
D. Alias MyGreatFrarnework\GreafDatabaseAbstractionLayer to a shorter name

Answer: B

Explanation: This removes the need to prefix the class with the namespace name. You can refer to the class simply as 'MyDBConnection'.

QUESTION NO: 2 CORRECT TEXT

Which PHP function sets a cookie whose value does not get URL encoded when sending it to the browser?

Answer: setrawcookie()

QUESTION NO: 3

What will be the result of the following operation?

array_combine(array("A","B","C"), array(1,2,3));

A. array("A","B",C",1,2,3)
B. array(1,2,3,"A","B",C")
C. array("A"=>1,"B"=>2,"C"=>3)
D. array(1=>"A",2=>"B",3=>"C")
E. array(1,2,3)

Answer: C
Explanation:

QUESTION NO: 4

You want to extract the pieces of a date string, which looks like this: "2005-11-02". Which of the

following pieces of code will property assign $year, $month and $day with their respective values?
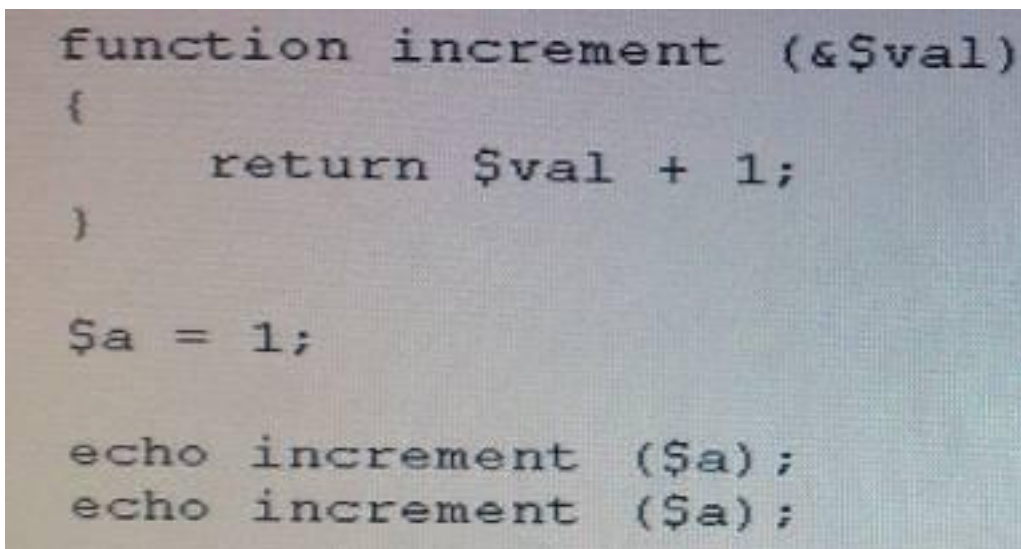
A. sscanf("2005-11-02", '%d-%d-%d', $year, $month, $day);
B. scan("2005-11-02", '%d-%d-%d', $year, $month, $day);
C. sscanf('%d-%d-%d', "2005-11-02", $year, $month, $day);
D. sscan($year, $month, $date '%d-%d-%d', "2005-11-02");

Answer: A
Explanation:

QUESTION NO: 5 CORRECT TEXT

What is the output of the following code?

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

$a = 1;

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

Answer: 2

QUESTION NO: 6

What is the ideal method of copying data between two opened files?

A. copy($source_file, $destination_file);
B. copy(destination_file, $source_file);
C. stream_copy_to_stream($source_file, $destination_file);
D. stream_copy_to_stream($destination_file, $source_file);
E. stream_bucket_prepend($source_file, $destination_file);

Answer: C
Explanation:

QUESTION NO: 7 CORRECT TEXT

What is the name of the key in $_FILES['name'] that contains the number of bytes of the uploaded file?

Answer: size

QUESTION NO: 8

Which of the following rules must every correct XML document adhere to? (Choose 2)
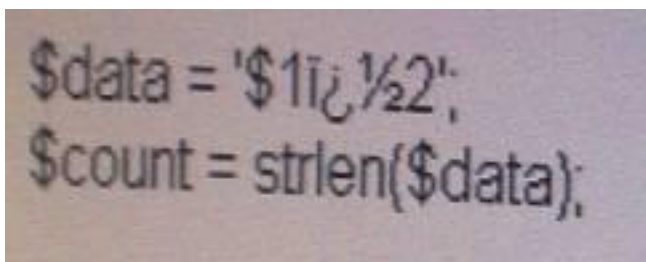
A. It has to be well-formed.
B. It has to be valid.
C. It has to be associated to a DTD.
D. It may only contain UTF-8 encoded characters.

Answer: A,B
Explanation:

QUESTION NO: 9

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

```
$data = '$1ï¿½2';
$count = strlen($data);
```

A. false
B. 4
C. 6
D. 7

Answer: B
Explanation:

QUESTION NO: 10

Which of the following code snippets writes the content of the "source.txt" to "target.txt"?
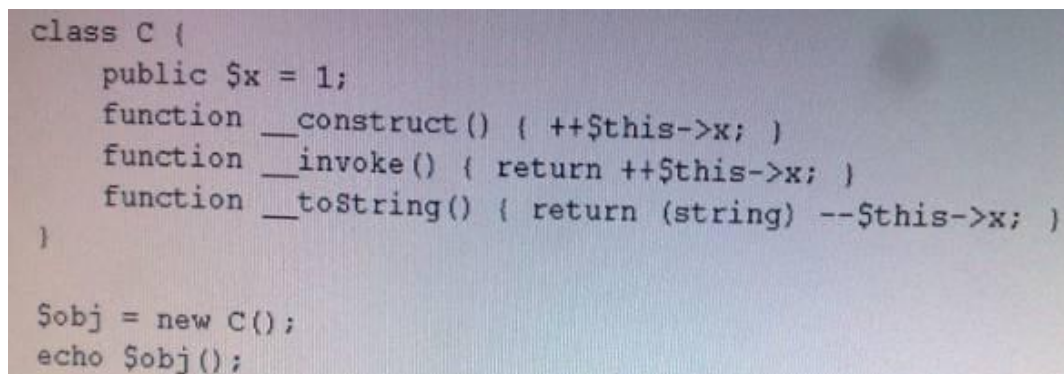
A. file_put_contents("target.txt", fopen("source.txt", "r"));
B. file_put_contents("target.txt", readfile("source.txt"));
C. file_put_contents("target.txt", join(file("source.txt"), ""));
D. file_put_contents("target.txt", file_get_contents("source.txt"));
E. $handle = fopen("target.txt", "w+"); fwrite($handle,
file_get_contents("source.txt")); fclose($handle);

Answer: A,D,E
Explanation:

QUESTION NO: 11

What is the output of the following code?

```
class C {
    public $x = 1;
    function __construct() { ++$this->x; }
    function __invoke() { return ++$this->x; }
    function __toString() { return (string) --$this->x; }
}

$obj = new C();
echo $obj();
```

A. 0
B. 1
C. 2
D. 3

Answer: D
Explanation:

QUESTION NO: 12

What tags can always be used to begin a PHP script? (Choose 2)

A. <?php
B. <?

C. <%

D. <%php

E. <script language="php">

Answer: A,E

Explanation:

QUESTION NO: 13

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

A. PHPIterator

B. RecursiveTreeIterator

C. RecursiveDirectoryIterator

D. SplTempFileObject

Answer: C

Explanation:

QUESTION NO: 14

Which PHP function relieves a 1st of HTTP headers that have been sent as part of the HTTP response or are ready to be sent?

A. header()

B. headers()

C. header_list()

D. header_sent()

E. getresponseheaders0

Answer: C

Explanation:

QUESTION NO: 15

Which of the following statements about PHP is true? (Choose 3)

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: B,C,D

Explanation:

QUESTION NO: 16

Which requirements need NOT be met so that file uploads work?

A. The PHP directive file_uploads must be set to on
B. The form's method attribute must be set to "post"
C. Sate mode must be turned off so that the uploaded file an be written to the server
D. The form's enctype attribute must be set to "multipart/form-data"

Answer: C

Explanation:

QUESTION NO: 17

A/hen comparing prepared statements and regular, application-constructed SQL statements, which of the following is true?

A. Prepared statements are faster
B. Prepared statements are always shorter
C. Prepared statements are more secure
D. Prepared statements are easier to develop
E. None of the above

Answer: C

Explanation:

QUESTION NO: 18

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 Fetal error. Cannot redeclare strlen()

Answer: C
Explanation:

QUESTION NO: 19

What is the output of the following code?

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

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

Answer: D
Explanation:

QUESTION NO: 20

What is the output of the following code?

```
function ratio ($x1 = 10, $x2)
{
    if (isset ($x2)) {
        return $x2 / $x1;
    }
}


echo ratio (0);
```

A. 0

B. An integer overflow error

C. A warning, because $x1 is not set

D. A warning, because $x2 is not set

E. A floating-point overflow error

F. Nothing

Answer: D

Explanation:

QUESTION NO: 21 CORRECT TEXT

What is the output of the following code?

```
function increment ($val)
{
    ++$val;
}

$val = 1;

increment ($val);

echo $val;
```

Answer: 1

QUESTION NO: 22

How can the line on which HTTP headers were sent inside a script be determined?
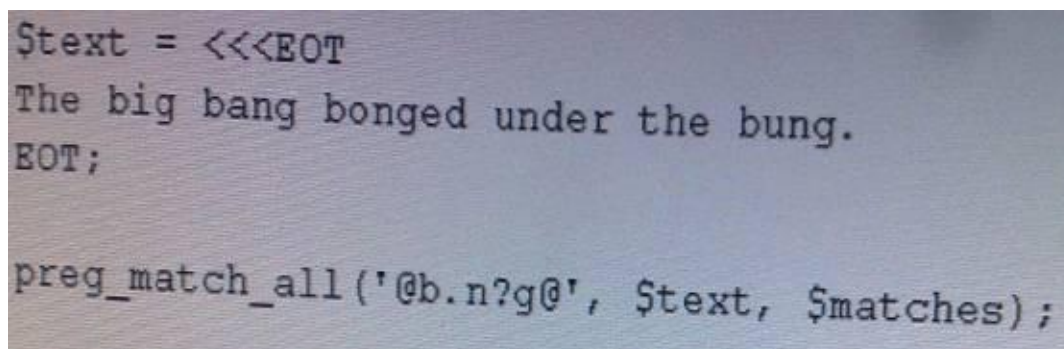
A. Using the headers_sent() function.
B. Using the output_start() function.
C. Using the ob_start() function.
D. Cannot be determined

Answer: A
Explanation:

QUESTION NO: 23

Which parts of the text are matched in the following regular expression?

```
$text = <<<EOT
The big bang bonged under the bung.
EOT;

preg_match_all('@b.n?g@', $text, $matches);
```

A. bang bong bung
B. bang bonged bung
C. big bang bong bung
D. big bang bung

Answer: C
Explanation:

QUESTION NO: 24

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

A. An HTML form may only have one button.
B. Hook up JavaScript the form to add a value to the URL depending on which button has been clicked.

C. Put the two buttons in individual form elements with different action attribute.

D. Assign name and value attributes to each button and use $_GET or $_POST to find out which button has been clicked.

Answer: D

Explanation:

QUESTION NO: 25

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

Explanation: - It must implement the count() method (no underscores)

QUESTION NO: 26

The following form is loaded in a recent browser and submitted, with the second list element selected:

<form method="post">

<select name="list">

<option>one</option>

<option>two</option>

<option>three</option>

</select>

</form>

In the server-side PHP code to deal with the form data, what is the value of $_POST ['list']?

A. 1
B. 2

C. two

D. null (since the <code> value attribute of the list has not been set)

Answer: C

Explanation:

QUESTION NO: 27

When setting HTTP headers from PHP, how can you make sure that your application sends the same header twice, with different values?

A. Set the second argument of the header() function to false

B. PHP does that automatically

C. One kind of header may only be sent once

D. Use the header_add() function

Answer: A

Explanation:

QUESTION NO: 28 CORRECT TEXT

Which DOMElement property provides a reference to the list of Element's children?

Answer: childNodes

QUESTION NO: 29

What is the return value of the following code?

strpos("me myself and I", "m", 2)

A. 2

B. 3

C. 4

D. 0

E. 1

Answer: B

Explanation:

QUESTION NO: 30

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 2)

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

Answer: B,D
Explanation:

QUESTION NO: 31

What function can reverse the order of values in an array without the loss of key information?

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

Answer: B
Explanation:

QUESTION NO: 32

What is the output of the following code?

```
$a = array('a', 'b'=>'c');
echo property_exists((object) $a, 'a')?'true':'false';
echo '-';
echo property_exists((object) $a, 'b')?'true':'false';
```

A. false-false
B. false-true
C. true-false
D. true-true

Answer: B
Explanation:

QUESTION NO: 33

Which of the following encryption standards provides symmetric key encryption? (Choose 2)

A. AES
B. Blowfish
C. DES
D. RSA

Answer: A,B
Explanation:

QUESTION NO: 34

Webservices are primarily meant to support

A. business-to-business communication
B. machine-to-machine interaction
C. improved accessibility for websites

Answer: B
Explanation:

QUESTION NO: 35

What do bytecode caches do?

A. Cache the output of PHP scripts for reuse
B. Translate PHP bytecode into machine code and cache the results
C. Save the results of the compilation of PHP scripts for reuse
D. Save large data structures (e.g. database result sets) in memory for reuse

Answer: C
Explanation:

QUESTION NO: 36

What will be the output value of the following code?

$array = array(1,2,3);

while (list(,$v) = each($array));

var_dump(current($array));

A. bool(false)
B. int(3)
C. int(1)
D. NULL
E. Array

Answer: A
Explanation:

QUESTION NO: 37 CORRECT TEXT

What is the output of the following code?

```
function increment ($val)
{
    $GET['m'] = (int) $_GET['m'] + 1;
}


$_GET['m'] = 1;

echo $_GET['m'];
```

Answer: 1

QUESTION NO: 38

What is the output of the following code?

```
function fibonacci (&$x1 = 0, &$x2 = 1)
{
    $result = $x1 + $x2;
    $x1 = $x2;
    $x2 = $result;

    return $result;
}

for ($i = 0; $i < 10; $i++) {
    echo fibonacci() . ',';
}
```

A. An error
B. 1,1,1,1,1,1,1,1,1,1,
C. 1,1,2,3,5,8,13,21,34,55,
D. Nothing

Answer: B
Explanation:

QUESTION NO: 39 CORRECT TEXT

Consider the following code. Which keyword should be used in the line marked in **bold** to make this code work as intended?

```
abstract class Base {
        protected function __construct() {
        }
        public function create() {
                return new self();
        }
        abstract function action();
}

class Item extends Base {
        public function action() { echo __CLASS__; }
}

$item = Item::create();
$item->action(); // outputs "Item"
```

Answer: static

QUESTION NO: 40

What is the output of the following code?

```
class a
{
    public $val;
}

function renderVal (a $a)
{
    if ($a) {
        echo $a->val;
    }
}

renderVal (null);
```

A. A syntax error in the function declaration line
B. An error, because null is not an instance of 'a'
C. Nothing, because a null value is being passed to renderVal()
D. NULL

Answer: B
Explanation:

QUESTION NO: 41

What is the result of the following code?

```
define ('PI', 3.14);
class T
{
    const PI = PI;
}
class Math
{
    const PI = T::PI;
}
echo Math::PI;
```

A. Parse error
B. 3.14
C. PI
D. T::PI

Answer: B
Explanation:

QUESTION NO: 42

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");

A. Option A

B. Option B

C. Option C

D. Option D

Answer: A,D

Explanation:

QUESTION NO: 43

In a shared hosting environment, session data can be read by PHP scripts written by any user.
How can you prevent this?

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.

Answer: B

Explanation:

QUESTION NO: 44

Which elements can be encapsulated by namespaces?

A. Only classes

B. Classes, functions and constants

C. Classes, functions, constants and variables

Answer: B

Explanation:

QUESTION NO: 45

What is the return value of the following code substr_compare("foobar", "bar", 3);

A. -1

B. 1

C. TRUE

D. 0

E. FALSE

Answer: D
Explanation:

QUESTION NO: 46

What function can be used to retrieve an array of current options for a stream context?

A. stream_context_get_params
B. stream_context_get_default
C. stream_context_get_options
D. The 'options' element of the stream_get_rneta_data return value

Answer: C
Explanation:

QUESTION NO: 47

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

A. There is no difference.
B. Print returns length of data printed and echo does not
C. Echo returns length of the data printed and print does not
D. Print buffers the output, while echo does not
E. None of the above

Answer: B
Explanation:

QUESTION NO: 48
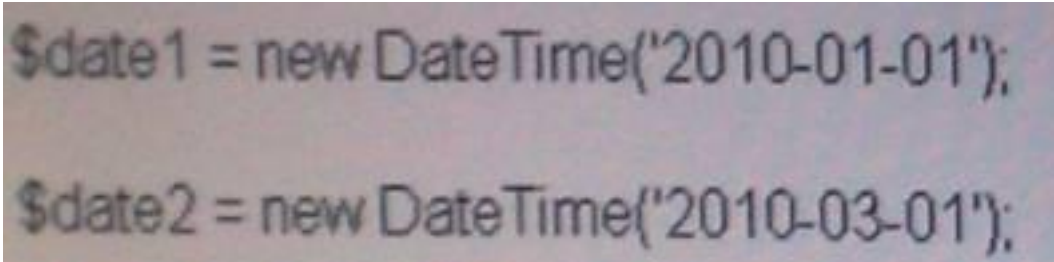
Which of the following describes a PHP extension?

A. A collection of PHP files that expose a unified API
B. A collection of functions and classes that allow PHP to interact with external data sources, protocols or APIs
C. A plugin that changes the way PHP behaves
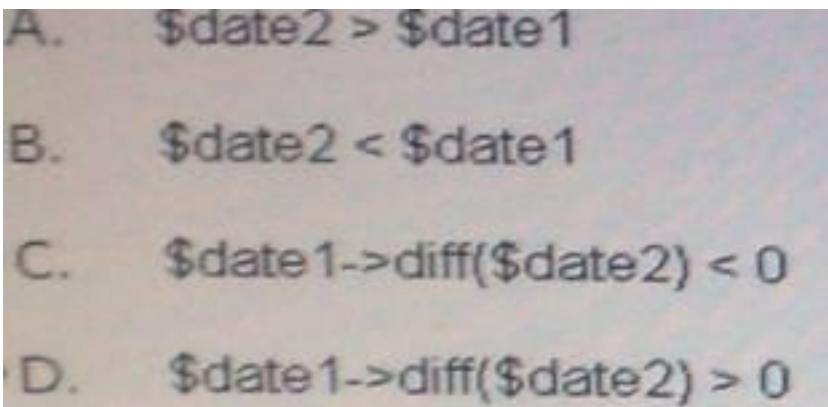**D.** A multitude of classes that extend from a single parent class

Answer: C
Explanation:

QUESTION NO: 49

Given the following DateTime objects, what can you use to compare the two dates and indicate that $date2 is the later of the two dates?

```
$date1 = new DateTime('2010-01-01');

$date2 = new DateTime('2010-03-01');
```

A. $date2 > $date1

B. $date2 < $date1

C. $date1->diff($date2) < 0

D. $date1->diff($date2) > 0

A. Option A
B. Option B
C. Option C
D. Option D

Answer: D
Explanation:

QUESTION NO: 50

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, $username, $password);

   $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 $result will be an array
C. The value of $result will be empty
D. The value of $result will be 'gamma@exmple.net'.

Answer: D
Explanation:

QUESTION NO: 51

Which kind of encryption is provided by PHP's crypt functions'?

A. One-way
B. Two-way
C. All of the above
D. None of the above

Answer: A

Explanation:

QUESTION NO: 52

Which combination of the following filtering techniques prevents cross-site scripting (XSS) vulnerabilities?

A. Strip all occurrences of the string $lt; script.
B. Strip all occurrences of the string javascript.
C. Enable magic_quotes_gpc .
D. None of the above.

Answer: D
Explanation:

QUESTION NO: 53

What can NOT be used to send a cookie from within a PHP application?

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

Answer: B
Explanation:

QUESTION NO: 54

Transitions can be used to: (Choose 2)

A. Recover from errors in case of a power outage or a failure in the SQL connection
B. Ensure that the data is properly formatted
C. Ensure that either all statements are performed properly, or that none of them are.
D. Recover from user errors

Answer: A,C
Explanation:

QUESTION NO: 55 CORRECT TEXT

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

Answer: Is_uploaded_file()

QUESTION NO: 56

Your application needs to handle file uploads performed with HTTP PUT. How can you retrieve
this data?

A. php://input stream
B. php://upload stream
C. $_FILES superglobal
D. $_PUT superglobal

Answer: A
Explanation:

QUESTION NO: 57

Consider the following code. What can be said about the call to file_get_contents?

```
$opts = array('http' =>
            array(
                'method'  => 'POST',
                'header'  => 'Content-type: application/x-www-form-urlencoded',
                'content' => $postdata
                )
        );

$context  = stream_context_create($opts);

$result = file_get_contents('http://example.com/submit.php', false, $context);
```

A. A GET request will be performed on http://example.com/submit.php
B. A POST request will be performed on http://example com/submit.php
C. An error will be displayed

Answer: B
Explanation:
If $postdata is a real variable then B is correct, if not then C is correct.

QUESTION NO: 58

When a transaction reports no affected rows, it means that: (Choose 2)

A. The transaction failed
B. The transaction affected no lines
C. The transaction was rolled back
D. The transaction was committed without error

Answer: A,B
Explanation:

QUESTION NO: 59

Which of the following superglobals does not contain data from the client?

A. $_POST
B. $_SESSION
C. $_GET
D. $_SERVER

Answer: B
Explanation:

QUESTION NO: 60

What is the output of the following code?

$a = 'a'; $b = 'b';
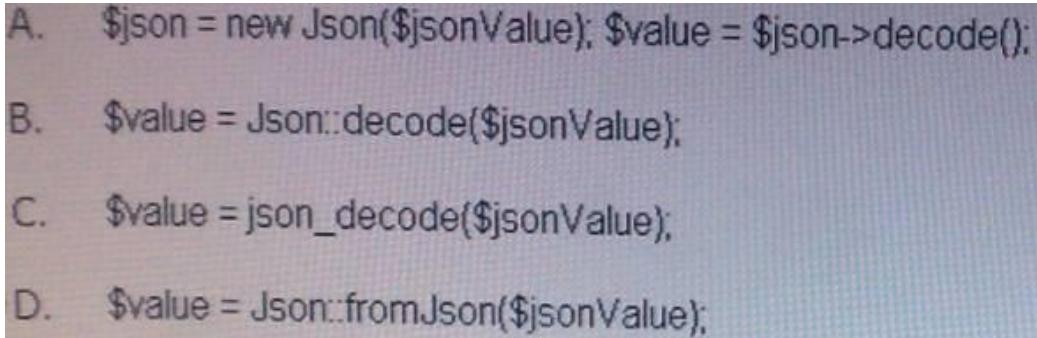
echo isset($c) ? $a.$b.$c : ($c = 'c').'d';

A. abc
B. cd
C. 0d

Answer: B
Explanation:

QUESTION NO: 61

Given a JSON-encoded string, which code sample correctly indicates how to decode the string to native PHP values?

```
A.    $json = new Json($jsonValue); $value = $json->decode();

B.    $value = Json::decode($jsonValue);

C.    $value = json_decode($jsonValue);

D.    $value = Json::fromJson($jsonValue);
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C
Explanation:

QUESTION NO: 62

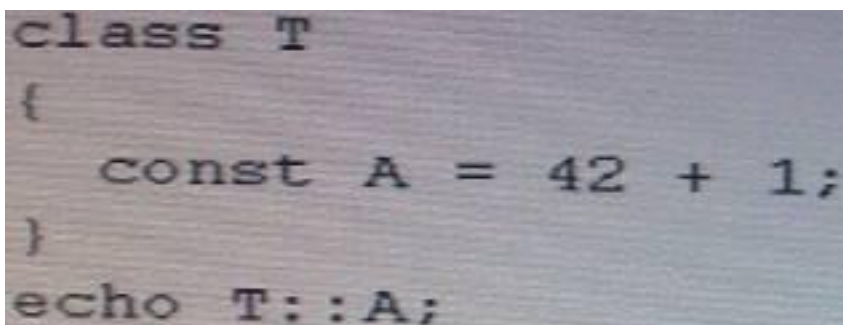PHP's array functions such as array_values() can be used on an object is the oject….

A. implement Traversable
B. is an instance of ArrayObject
C. implements ArrayAccess
D. None of the above

Answer: C
Explanation:

QUESTION NO: 63

What is the result of the following code?

```
class T
{
    const A = 42 + 1;
}
echo T::A;
```

A. 42

B. 43

C. Parse error

Answer: C

Explanation:

QUESTION NO: 64 CORRECT TEXT

Which SPL class implements fixed-size storage?

Answer: SplFixedArray

QUESTION NO: 65

What is the name of the PHP function used to automatically load non-yet defined classes?

A. Autoload()

B. __autoload()

C. __catch()
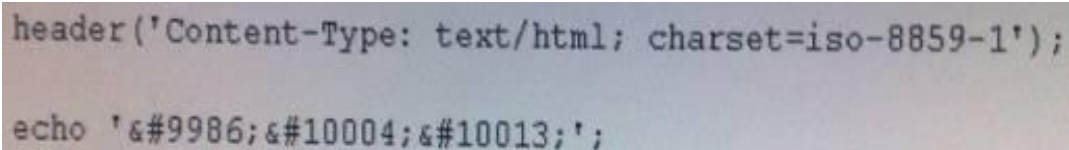
D. Load()

E. loadClass()

Answer: B

Explanation:

QUESTION NO: 66

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 '&#9986;&#10004;&#10013;';
```

A. Garbled data