**1. What is the best practice for running MySQL queries in PHP? Consider the risk of SQL injection.**

**Answers:**

• Use mysql\_query() and variables: for example: $input = $\_POST['user\_input']; mysql\_query("INSERT INTO table (column) VALUES ('" . $input . "')");

• Use PDO prepared statements and parameterized queries: for example: $input= $\_POST["user-input"] $stmt = $pdo->prepare('INSERT INTO table (column) VALUES (":input"); $stmt->execute(array(':input' => $input));

• Use mysql\_query() and string escaped variables: for example: $input= $\_POST["user-input"] $input\_safe = mysql\_real\_escape\_string($input); mysql\_query("INSERT INTO table (column) VALUES ('" . $input. "')");

• Use mysql\_query() and variables with a blacklisting check: for example: $blacklist = array("DROP","INSERT","DELETE"); $input= $\_POST["user-input"] if (!$array\_search($blacklist))) mysql\_query("INSERT INTO table (column) VALUES ('" . $input. "')");

**2. Which of the following methods should be used for sending an email using the variables $to, $subject, and $body?**

**Answers:**

• mail($to,$subject,$body)

• sendmail($to,$subject,$body)

• mail(to,subject,body)

• sendmail(to,subject,body)

**3. Which of the following is used to maintain the value of a variable over different pages?**

**Answers:**

• static

• global

• session\_register()

• None of these

**4. Which of the following will check if a function exists?**

**Answers:**

• function\_exists()

• has\_function()

• $a = "function to check"; if ($a ()) // then function exists

• None of these

**5. Which of the following is not a file-related function in PHP?**

**Answers:**

• fclose

• fopen

• fwrite

• fgets

• fappend

**6. Which of the following is true about the singleton design pattern?**

**Answers:**

• A singleton pattern means that a class will only have a single method.

• A singleton pattern means that a class can have only one instance object.

• A singleton pattern means that a class has only a single member variable.

• Singletons cannot be implemented in PHP.

**7. Which of the following characters are taken care of by htmlspecialchars?**

**Answers:**

• <

• >

• single quote

• double quote

• &

• All of these

**8. Which of the following will read an object into an array variable?**

**Answers:**

• $array\_variable = get\_object\_vars($object);

• $array\_variable = (array)$object;

• $array\_variable = array $object;

• $array\_variable = get\_object\_vars $object;

**9. Which of the following variable declarations within a class is invalid in PHP?**

**Answers:**

• private $type = 'moderate';

• internal $term = 3;

• public $amnt = '500';

• protected $name = 'Quantas Private Limited';

**10. Which of the following is not a PHP magic constant?**

**Answers:**

• \_\_FUNCTION\_\_

• \_\_TIME\_\_

• \_\_FILE\_\_

• \_\_NAMESPACE\_\_

• \_\_CLASS\_\_

**11. Which of the following will print out the PHP call stack?**

**Answers:**

• $e = new Exception; var\_dump($e->debug());

• $e = new Exception; var\_dump($e->getTraceAsString());

• $e = new Exception; var\_dump($e->backtrace());

• $e = new Exception; var\_dump($e->getString());

**12. What will be the output of the following code?**

**<?php**

**var\_dump (3\*4);**

**?>**

**Answers:**

• int(3\*4)

• int(12)

• 3\*4

• 12

• None of the above

**13. Which of the following is correct about Mysqli and PDO?**

**Answers:**

• Mysqli provides the procedural way to access the database while PDO provides the object oriented way.

• Mysqli can only be used to access MySQL database while PDO can be used to access any DBMS.

• MySQLi prevents SQL Injection whereas PDO does not.

• MySQLi is used to create prepared statements whereas PDO is not.

**14. What is the correct way to send a SMTP (Simple Mail Transfer Protocol) email using PHP?**

**Answers:**

• s.sendmail($EmailAddress, [$MessageBody], msg.as\_string())

• sendmail($EmailAddress, "Subject", $MessageBody);

• mail($EmailAddress, "Subject", $MessageBody);

• <a href="mailto:$EmailAddress">$MessageBody</a>

**15. Which of the following will start a session?**

**Answers:**

• session(start);

• session();• session\_start();

• login\_sesion();

**16. For the following code:**

**<?php**

**function Expenses()**

**{**

**function Salary()**

**{**

**}**

**function Loan()**

**{**

**function Balance()**

**{**

**}**

**}**

**}**

**?>**

**Which of the following sequence will run successfully?**

**Answers:**

• Expenses();Salary();Loan();Balance();

• Salary();Expenses();Loan();Balance();

• Expenses();Salary();Balance();Loan();

• Balance();Loan();Salary();Expenses();

**17. What enctype is required for file uploads to work?**

**Answers:**

• multipart/form-data

• multipart

• file

• application/octect-stream

• None of these

**18. Which of the following is incorrect with respect to separating PHP code and HTML?**

**Answers:**

• Use an MVC design pattern.

• As PHP is a scripting language, HTML and PHP cannot be separated.

• Use any PHP template engine e.g: smarty to keep the presentation separate from business logic.

• Create one script containing your (PHP) logic outputting XML and one script produce the XSL to translate the XML to views.

**19. Which one of the following is not an encryption method in PHP?**

**Answers:**

• crypt()

• md5()

• sha1()

• bcrypt()

**20. What function should you use to join array elements with a glue string?**

**Answers:**

• join\_st

• implode

• connect

• make\_array

• None of these

**21. Which function can be used to delete a file?**

**Answers:**

• delete()

• delete\_file()

• unlink()

• fdelete()

• file\_unlink()

**22. What is the string concatenation operator in PHP?**

**Answers:**

• +

• ||

• .

• |||

• None of these

**23. Which of the following is useful for method overloading?**

**Answers:**

• \_\_call,\_\_get,\_\_set

• \_get,\_set,\_load

• \_\_get,\_\_set,\_\_load

• \_\_overload

**24. Which of the following will store order number (34) in an 'OrderCookie'?**

**Answers:**

• setcookie("OrderCookie",34);

• makeCookie("OrderCookie",34);

• Cookie("OrderCookie",34);

• OrderCookie(34);

**25. What would occur if a fatal error was thrown in your PHP program?**

**Answers:**

• The PHP program will stop executing at the point where the error occurred.

• The PHP program will show a warning message and program will continue executing.

• Since PHP is a scripting language so it does not have fatal error.

• Nothing will happen.

**26. What is the correct line to use within the php.ini file, to specify that 128MB would be the maximum amount of memory that a script may use?**

**Answers:**

• memory\_limit = 128M

• limit\_memory = 128M

• memory\_limit: 128M

• limit\_memory: 128M

**27. What is the best way to change the key without changing the value of a PHP array element?**

**Answers:**

• $arr[$newkey] = $oldkey; unset($arr[$oldkey]);

• $arr[$newkey] = $arr[$oldkey]; unset($arr[$oldkey]);

• $newkey = $arr[$oldkey]; unset($arr[$oldkey]);

• $arr[$newkey] = $oldkey.GetValue(); unset($arr[$oldkey]);

**28. What will be the output of the following code?**

**<?**

**echo 5 \* 6 / 2 + 2 \* 3;**

**?>**

**Answers:**

• 1

• 20

• 21

• 23

• 34

**29. Does PHP 5 support exceptions?**

**Answers:**

• Yes

• No

**30. Without introducing a non-class member variable, which of the following can be used to keep an eye on the existing number of objects of a given class?**

**Answers:**

• Adding a member variable that gets incremented in the default constructor and decremented in the destructor.

• Adding a local variable that gets incremented in each constructor and decremented in the destructor.

• Add a static member variable that gets incremented in each constructor and decremented in the destructor.

• This cannot be accomplished since the creation of objects is being done dynamically via "new."

**31. Which of the the following are PHP file upload-related functions?**

**Answers:**

• upload\_file()

• is\_uploaded\_file()

• move\_uploaded\_file()

• None of these

**32. Which of the following cryptographic functions in PHP returns the longest hash value?**

**Answers:**

• md5()

• sha1()

• crc32()

• All return the same hash value length.

**33. Which of the following is not a valid API?**

**Answers:**

• trigger\_print\_error()

• trigger\_error()

• debug\_backtrace()

• debug\_print\_backtrace()

**34.**

**What will be the output of the following code?**

**<?php**

**echo 30 \* 5 . 7;**

**?>**

**Answers:**

• 150 . 7

• 1507

• 150.7

• Integers can't be concatenated.

• An error will be thrown.

**35. Which of these is not a valid SimpleXML Parser method?**

**Answers:**

• simplexml\_import\_dom()

• simplexml\_import\_sax()

• simplexml\_load\_file()

• simplexml\_load\_string()

**36. Which of the following environment variables is used to fetch the IP address of the user in a PHP application?**

**Answers:**

• $IP\_ADDR

• $REMOTE\_ADDR\_USER

• $REMOTE\_ADDR

• $IP\_ADDR\_USER

**37. Consider the following class:**

**1 class Insurance**

**2 {**

**3 function clsName()**

**4 {**

**5 echo get\_class($this);**

**6 }**

**7 }**

**8 $cl = new Insurance();**

**9 $cl->clsName();**

**10 Insurance::clsName();**

**Which of the following lines should be commented to print the class name without errors?**

**Answers:**

• Line 8 and 9

• Line 10

• Line 9 and 10

• All the three lines 8,9, and 10 should be left as it is.

**38. What is the correct syntax of mail() function in PHP?**

**Answers:**

• mail($to,$subject,$message,$headers)

• mail($from,$to,$subject,$message)

• mail($to,$from,$subject,$message)

• mail($to,$from,$message,$headers)

**39. Given the following array:**

**$array = array(0 => 'blue', 1 => 'red', 2 => 'green', 3 => 'red');**

**Which one of the following will print 2?**

**Answers:**

• echo array\_search('green', $array);

• echo in\_array('green', $array);

• echo array\_key\_exists(2, $array);

• echo array\_search('red',$array);

**40. Which function will suitably replace 'X' if the size of a file needs to be checked?**

**$size=X(filename);**

**Answers:**

• filesize

• size

• sizeofFile

• getSize

**41. Which of the following will not give the correct date and time in PHP?**

**Answers:**

• date("Y-m-d H:i:s")

• date("y-m-d H:i:s")

• date("f, j Y H:i:s")

• date("F, j Y H:i:s")

**42. Which of the following functions is not used in debugging?**

**Answers:**

• var\_dump()

• fprintf()

• print\_r()

• var\_export()

**43. What is the difference between die() and exit() in PHP?**

**Answers:**

• die() is an alias for exit().

• exit() is a function, die() is a language construct and cannot be called using variable functions.

• die() accepts a string as its optional parameter which is printed before the application terminates; exit() accepts an integer as its optional parameter which is passed to the operating system as the exit code.

• die() terminates the script immediately, exit() calls shutdown functions and object destructors first.

**44. Should assert() be used to check user input?**

**Answers:**

• Yes

• No

**45. Which of the following is the right MIME to use as a Content Type for JSON data?**

**Answers:**

• text/x-json

• text/javascript

• application/json

• application/x-javascript

**46.**

**What would be the output of the following code?**

**<?php**

**$arr = array("foo",**

**"bar",**

**"baz");**

**for ($i = 0; $i < count($arr); $i++) {**

**$item = $arr[$i];**

**}**

**echo "<pre>";**

**print\_r($item);**

**echo "</pre>";**

**?>**

**Answers:**

• Array ( [0] => foo [1] => bar [2] => baz )

• foo

• bar

• baz

**47. Which of the following is the correct way to check if a session has already been started?**

**Answers:**

• if ($\_SERVER["session\_id"]) echo 'session started';

• if (session\_id()) echo 'session started';

• if ($\_SESSION["session\_id"]) echo 'session started';

• if ($GLOBALS["session\_id"]) echo 'session started';

**48. What is the correct PHP command to use to catch any error messages within the code?**

**Answers:**

• set\_error('set\_error');

• set\_error\_handler('error\_handler');

• set\_handler('set\_handler');

• set\_exception('set\_exception');

**49.**

**What is wrong with the following code?**

**<?php**

**curl\_setopt($ch, CURLOPT\_URL, "http://www.example.com/");**

**curl\_setopt($ch, CURLOPT\_HEADER, 0);**

**curl\_exec($ch);**

**curl\_close($ch);**

**?>**

**Answers:**

• There is nothing wrong with the code.

• The cURL resource $ch has not been created using the curl\_init() method.

• The $ch variable needs to be initialized as $ch=null;.

• The code will cause a parse error.

**50. With what encoding does chr() work?**

**Answers:**

• ASCII

• UTF-8

• UTF-16

• Implementation dependent

• None of these