

# Practice Exam Questions

1. Which of the following strings are not valid modes for the `fopen()` function?
  - A. `a+b`
  - B. `b+a`
  - C. `at`
  - D. `w`
  - E. `x+`

2. Consider the following piece of code:

```
<?php
$arr = array(3 => "First", 2=>"Second", 1=>"Third");
list ($result) = $arr;
?>
```

After running it, the value of `$result` would be

- A. `First`
  - B. `Second`
  - C. `Third`
  - D. This piece of code will not run, but fail with a parse error.
3. In standard SQL-92, which of these situations do not require or cannot be handled through the use of an aggregate SQL function? (Choose 2)
    - A. Calculating the sum of all the values in a column.
    - B. Determining the minimum value in a result set.
    - C. Grouping the results of a query by one or more fields.
    - D. Calculating the sum of all values in a column and retrieving all the values of another column that is not part of an aggregate function or `GROUP BY` clause.
    - E. Determining the mean average of a column in a group of rows.
  4. Multidimensional arrays can be sorted using the \_\_\_\_\_ function.

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5. When using the default session handler `files` for using sessions, PHP stores session information on the harddrive of the webserver. When are those session files cleaned up?
  - A. PHP will delete the associated session file when `session_destroy()` is called from within a script.
  - B. When the function `session_cleanup()` is called, PHP will iterate over all session files, and delete them if they exceeded the session timeout limit.
  - C. When the function `session_start()` is called, PHP will iterate over all session files, and delete them if they exceeded the session timeout limit.
  - D. When the function `session_start()` is called, PHP will sometimes iterate over all session files, and delete them if they exceeded the session timeout limit.
  - E. Session files are never removed from the filesystem, you need to use an automated script (such as a `cronjob`) to do this.
  
6. What is the order of parameters in the `mail()` function?
  - A. subject, to address, extra headers, body
  - B. to address, subject, extra headers, body
  - C. to address, subject, body, extra headers
  - D. subject, to address, body, extra headers
  
7. Which of the following statements are correct? (Choose 3)
  - A. `sprintf()` does not output the generated string.
  - B. `printf("%2s%1s", "ab", "c")` outputs the string `abc`.
  - C. `vprintf()` takes at least one parameter; the first parameter is the formatting string and the following parameters are the arguments for the ‘%’ placeholders.
  - D. `printf("%c", "64")` will output `@` and not `6`.
  - E. `sprintf("%3.4f", $x)` outputs more than 7 characters.
  - F. `number_format()` inserts thousands of separators and decimal points different from `(,)` and `(.)` respectively, while `printf()` like functions always use `(.)` as decimal point.

8. The requirement is to return `true` for the case in which a string `$str` contains another string `$substr` after the first character of `$str`? Which of the following will return `true` when string `$str` contains string `$substr`, but only after the first character of `$str`?

I.

```
<?php
    function test($str, $substr) {
        return strpos(substr($str,1), $substr) >= 0;
    }
?>
```

II.

```
<?php
    function test($str, $substr) {
        return strrchr($str, $substr) !== false;
    }
?>
```

III.

```
<?php
    function test($str, $substr) {
        return strpos($str, $substr) > 0;
    }
?>
```

- A. I only
  - B. II only
  - C. III only
  - D. I and II
  - E. I and III
  - F. II and III
9. Which of the features listed below do not exist in PHP4? (Choose 2)
- A. Exceptions
  - B. Preprocessor instructions
  - C. Control structures
  - D. Classes and objects
  - E. Constants

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10. What is the output of the following code snippet?

```
<?php
class Vehicle {
    \}

class Car extends Vehicle {
    \}

class Ferrari extends Car {
    \}

var_dump(get_parent_class("Ferrari"));
?>
```

- A. string(7) "Vehicle"
- B. string(3) "Car"
- C. array(2) {  
    [0]=>  
        string(7) "vehicle"  
    [1]=>  
        string(3) "car"  
    \}

11. The following PHP script is designed to subtract two indexed arrays of numbers. Which statement is correct?

```
<?php

$a = array(5, 2, 2, 3);
$b = array(5, 8, 1, 5);

var_dump(subArrays($a, $b));

function
subArrays($arr1,
          $arr2)
{
    $c = count($arr1);
    if
    ($c != count($arr2))
        return
null;
```

```

    for($i = 0;
        $i < $c;
        $i++)

        $res[$i]
        $arr1[$i] - $arr2[$i];

    return $res;

    \}
?>

```

- A. The script is valid.
  - B. Assignments must be made on a single line.
  - C. It has too many linefeed characters between statements.
  - D. No, the script is missing curly braces.
  - E. Yes it is valid, but the script will not work as expected.
12. What is the purpose of the `escapeshellarg()` function?
- A. Removing malicious characters.
  - B. Escaping malicious characters.
  - C. Creating an array of arguments for a shell command.
  - D. Preparing data to be used as a single argument in a shell command.
  - E. None of the above.
13. The \_\_\_\_\_ function can be used to determine if the contents of a string can be interpreted as a number.
14. Assume `$comment` contains a string. Which PHP statement prints out the first 20 characters of `$comment` followed by three dots (.)?
- A. `print substr($comment, 20) . '...';`
  - B. `print substr_replace($comment, '...', 20);`
  - C. `print substr($comment, 20, strlen($comment)) . '...';`
  - D. `print substr_replace($comment, 20, '...');`
15. What is the name of the function that you should use to put uploaded files into a permanent location on your server?
16. If you have a file handle for an opened file, use the \_\_\_\_\_ function to send all data remaining to be read from that file handle to the output buffer.

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17. Which of the following sentences are not true? (Choose 2)
- A. `strpos()` allows searching for a substring in another string.
  - B. `strrpos()` allows searching for a substring in another string.
  - C. `strpos()` and `strrchr()` return -1 if the second parameter is not a substring of the first parameter.
  - D. `strpos()` and `strrpos()` can return a value that is different from an integer.
  - E. The second parameter to `substr()` is the length of the substring to extract.
  - F. `strstr()` returns `false` if the substring specified by its second parameter is not found in the first parameter.
18. Which of the following sentences are correct? (Choose 2)
- A. `time() + 60*60*100` returns the current date and time plus one hour.
  - B. `time() + 24*60*60` returns the current date and time plus one day.
  - C. `time() + 24*60*60*100` returns the current date and time plus one day

## Answers

- 1. B
- 2. C
- 3. C and D
- 4. `array_multisort` or `array_multisort()`
- 5. D
- 6. C
- 7. A, D, and F
- 8. C
- 9. A and B
- 10. A
- 11. B
- 12. D
- 13. `is_numeric` or `is_numeric()`
- 14. B
- 15. `move_uploaded_file` or `move_uploaded_file()`
- 16. `fpassthru` or `fpassthru()`
- 17. C and E
- 18. B