



قائمة الاسئلة

تطوير الويب - المستوى الثاني - نظم معلومات - الكل - كلية الحاسوب وتكنولوجيا المعلومات - درجة الامتحان (40)

أ. هبه المروعي

- 1) What does PHP stand for?
 - 1) - A) Personal Hypertext Processor
 - 2) + B) Hypertext Preprocessor
 - 3) - C) Private Home Page
 - 4) - D) Preprocessed Hypertext
- 2) Which PHP function is used to include the contents of one PHP file into another?
 - 1) - A) include()
 - 2) - B) require()
 - 3) - C) require_once()
 - 4) + D) All of the above
- 3) How do you start a session in PHP?
 - 1) - A) session_start();
 - 2) + B) start_session();
 - 3) - C) begin_session();
 - 4) - D) session_begin();
- 4) What is the purpose of cookies in PHP?
 - 1) - A) To store data on the server
 - 2) + B) To store data on the client side
 - 3) - C) To send data to the database
 - 4) - D) To manage sessions
- 5) Which of the following functions is used to find the length of a string in PHP?
 - 1) - A) length()
 - 2) - B) str_length()
 - 3) + C) strlen()
 - 4) - D) count()
- 6) What will the following code output?

```
<?php
function test($arr) {
    $arr[0] = 10;
    return $arr;
}
$myArray = [1, 2, 3];
$result = test($myArray);
echo $myArray[0];
?>
```

 - 1) + A) 1
 - 2) - B) 2
 - 3) - C) 10
 - 4) - D) Error
- 7) What will the following code output?

```
<?php
$a = "Hello ";
$b = "World!";
function concat() {
    global $a, $b;
```



```
return $a . $b;  
}  
echo concat();  
?>
```

- 1) - A) Hello
- 2) - B) World!
- 3) ☒ C) Hello World!
- 4) - D) Error

8) Which of the following statements correctly uses the foreach loop to iterate over an associative array?

```
<?php  
$colors = array("red" => "apple", "yellow" => "banana", "green" => "grape");  
?>
```

- 1) - A) foreach(\$colors as \$color) { echo \$color; }
- 2) - B) foreach(\$colors as \$key => \$value) { echo \$key; }
- 3) - C) foreach(\$colors as \$key => \$value) { echo \$value; }
- 4) ☒ D) All of the above

9) Which of the following is true about the include and require statements in PHP?

- 1) - A) include generates a fatal error if the file is not found, while require only generates a warning.
- 2) ☒ B) require generates a fatal error if the file is not found, while include generates a warning.
- 3) - C) Both include and require generate fatal errors if the file is not found.
- 4) - D) include and require are identical in functionality.

10) What will the output of the following code be?

```
<?php  
function foo($x) {  
    $x++;  
    return $x;  
}  
$x = 10;  
echo foo($x) + $x;  
?>
```

- 1) - A) 20
- 2) ☒ B) 21
- 3) - C) 10
- 4) - D) 11

11) Consider the following code snippet:

```
<?php  
function test() {  
    static $count = 0;  
    $count++;  
    return $count;  
}  
echo test() + test() + test();  
?>
```

- 1) - A) 3
- 2) ☒ B) 6
- 3) - C) 1
- 4) - D) Error

12) Which of the following statements about PHP sessions is FALSE?

- 1) - A) Sessions store data on the server.



- 2) - B) Session variables can be accessed across different pages.
3) - C) Sessions use cookies to track user data by default.
4) + D) Sessions are stored in the browser's local storage.
- 13) What will the following code output?

```
<?php
$x = "10";
$y = "20";
echo $x + $y + "30";
?>
```


1) + A) 60
2) - B) 1020
3) - C) 30
4) - D) Error
- 14) What will the following code output?

```
<?php
$a = [1, 2, 3];
$b = $a;
$b[0] = 4;
echo $a[0];
?>
```


1) + A) 1
2) - B) 4
3) - C) 3
4) - D) Error
- 15) What will the following PHP code output?

```
<?php
class A {
    public function __construct() {
        echo "A";
    }
}
class B extends A {
    public function __construct() {
        parent::__construct();
        echo "B";
    }
}
new B();
?>
```


1) + A) AB
2) - B) BA
3) - C) A
4) - D) B
- 16) Which of the following statements about PHP arrays is TRUE?
1) - A) PHP arrays can only store elements of the same data type.
2) + B) PHP arrays can be associative or indexed.
3) - C) PHP arrays do not maintain the order of elements.
4) - D) PHP arrays are always indexed by integers.
- 17) What will be the output of the following code snippet?



```
<?php
$x = 10;
function test() {
    global $x;
    $x += 5;
    return $x;
}
echo test() + $x;
?>
```

- 1) - A) 20
- 2) ☒ B) 25
- 3) - C) 15
- 4) - D) Error

18) What will the following code output if the connection fails?

```
<?php
$conn = mysqli_connect("localhost", "username", "password", "database");
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}
?>
```

- 1) - A) Connection successful
- 2) ☒ B) Connection failed: (error message)
- 3) - C) No output
- 4) - D) Error in syntax

19) What is the correct way to close a MySQL connection in PHP?

- 1) - A) close(\$conn);
- 2) - B) mysqli_disconnect(\$conn);
- 3) - C) mysqli_close_connection(\$conn);
- 4) ☒ D) mysqli_close(\$conn);

20) What is the purpose of using prepared statements in mysqli?

- 1) - A) To execute multiple queries simultaneously
- 2) ☒ B) To prevent SQL injection attacks
- 3) - C) To optimize database connections
- 4) - D) To automatically commit transactions

21) What will the following code output if the file example.txt does not exist?

```
?php
$file = fopen("example.txt", "r");
if (!$file) {
    die("File not found!");
}
?>
```

- 1) ☒ A) File not found!
- 2) - B) Error
- 3) - C) NULL
- 4) - D) No output

22) What is the correct way to append data to a file in PHP?

- 1) ☒ A) fopen("file.txt", "a");
- 2) - B) fopen("file.txt", "w+");
- 3) - C) fopen("file.txt", "r+");



- 4) - D) fopen("file.txt", "x");
- 23) What will the following code output if example.txt contains "Hello World"?

```
<?php
$file = fopen("example.txt", "r");
$line = fgets($file);
fclose($file);
echo $line;
?>
```
- 1) ☒ A) Hello World
2) - B) Hello
3) - C) World
4) - D) Error
- 24) What is the primary benefit of using strict_types=1?
1) - A) Improved performance
2) ☒ B) Better error handling and type safety
3) - C) Simplified code
4) - D) Automatic type conversion
- 25) What is the purpose of variadic functions in PHP?
1) - A) To accept a fixed number of arguments
2) ☒ B) To accept a variable number of arguments
3) - C) To restrict the number of arguments
4) - D) To accept only array arguments
- 26) Can a variadic parameter be combined with other parameters in a function definition?
1) - A) Yes, but it must be the first parameter.
2) ☒ B) Yes, but it must be the last parameter.
3) - C) No, it cannot be combined with other parameters.
4) - D) Yes, it can be in any position.
- 27) What is the result of calling the function below without any arguments?

```
<?php
function test(...$args) {
    return count($args);
}
echo test();
?>
```
- 1) ☒ A) 0
2) - B) NULL
3) - C) Error
4) - D) 1
- 28) Which of the following is a valid way to create a multidimensional array in PHP?
1) - A) \$arr = [[1, 2], [3, 4]];
2) - B) \$arr = array(1 => array(1, 2), 2 => array(3, 4));
3) ☒ C) Both A and B
4) - D) None of the above
- 29) What is the purpose of the isset() function in PHP?
1) - A) To check if a variable is empty
2) ☒ B) To check if a variable is set and is not NULL
3) - C) To unset a variable
4) - D) To initialize a variable
- 30) In PHP, arrays can store multiple values in a single variable.



- 1) ☒ TRUE.
2) ☐ FALSE.
- 31) PHP code can be embedded within HTML
1) ☒ TRUE.
2) ☐ FALSE.
- 32) PHP is case-sensitive when it comes to variable names.
1) ☒ TRUE.
2) ☐ FALSE.
- 33) The \$_POST superglobal is used to collect data from HTML forms using the GET method.
1) ☐ TRUE.
2) ☒ FALSE.
- 34) The die() function can also be used to display a message and terminate a script.
1) ☒ TRUE.
2) ☐ FALSE.
- 35) In PHP, all variables are automatically global.
1) ☐ TRUE.
2) ☒ FALSE.
- 36) A PHP file must always have a .php extension to be executed correctly by a server.
1) ☒ TRUE.
2) ☐ FALSE.
- 37) The var_dump() function provides information about a variable, including its type and value.
1) ☒ TRUE.
2) ☐ FALSE.