

# Web Application Development (CST)

## Question 1

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question

In PHP, how do you access a value stored in a query string parameter called "name"?

- ☐ a. `$_REQUEST["name"]`
- ☐ b. `$_SESSION["name"]`
- ☐ c. `$_COOKIE["name"]`
- ☐ d. `$_GET["name"]`
- ☐ e. `$_POST["name"]`

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Question **2**

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In the context of web development, what is the purpose of session management using PHP?

- ☐ a. To prevent data retrieval
- ☐ b. To create user profiles
- ☐ c. To eliminate user preferences
- ☐ d. To track users across multiple web pages
- ☐ e. To increase website aesthetics

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Question **3**

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Consider the following statements regarding variable naming in PHP:.

- (i) Variable names are case-insensitive.
- (ii) Variable names can contain only letters and numbers.
- (iii) Variable names always begin with \$, on both declaration and usage.

Which of the above statements is/are correct?

- ☐ a. (i), (ii) and (iii)
- ☐ b. (i) only
- ☐ c. (i) and (iii) only
- ☐ d. (ii) and (iii) only
- ☐ e. (iii) only

Question 4

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The variable \$country has the value 'Sri Lanka'.

What is the PHP code line to output the position of the letter 'n' and what will be the output?

- ☐ a. `strloc($country, 'n');` output = 7
- ☐ b. `strpos($country, 'n');` output = 7
- ☐ c. `strloc($country, 'n');` output = 6
- ☐ d. `strpos($country, 'n');` output = 6
- ☐ e. `substr('n', $country);` output = 6

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Question **5**

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Which of the following is a key principle of RESTful APIs that simplifies communication between applications?

- ☐ a. Server-based communication
- ☐ b. Stateless communication
- ☐ c. Closed communication
- ☐ d. Monolithic communication
- ☐ e. Synchronous communication

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Question **6**

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Which PHP function is not used for sanitize user inputs?

- ☐ a. strip\_tags()
- ☐ b. htmlentities()
- ☐ c. explode()
- ☐ d. stripslashes()
- ☐ e. htmlspecialchars()

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Question 7

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Which way is correct to represent the name of the current script file being executed in Form action?

- ☐ a. `action="<?php echo $_SERVER['PHP_SESSION']; ?>"`
- ☐ b. `action="$_SERVER['PHP_SELF']"`
- ☐ c. `action="<?php echo $_SERVER['REQUEST_METHOD']; ?>"`
- ☐ d. `action="<?php echo $_SERVER['PHP_SELF']; ?>"`
- ☐ e. `action="<?php echo $_POST['PHP_SELF']; ?>"`

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Question 8

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What is server-side scripting?

- ☐ a. A type of programming executed on the server-side
- ☐ b. A type of programming executed on mobile devices
- ☐ c. A type of programming executed in the user's browser
- ☐ d. A type of programming executed in databases
- ☐ e. A type of programming executed in cloud services

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Question 9

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What is the correct PHP function to move a submitted file to a permanent location in PHP form handling?

- ☐ a. `send_uploaded_file($tempLocation, $permanentLocation);`
- ☐ b. `move_uploaded_file($permanentLocation, $tempLocation);`
- ☐ c. `move_uploaded_file($tempLocation, $permanentLocation);`
- ☐ d. `move_upload_file($tempLocation, $permanentLocation);`
- ☐ e. `move_upload_file($permanentLocation, $tempLocation);`

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Question **10**

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What is the most correct PHP statement to redirect to 'next.php' page?

- ☐ a. `redirect("Location: next.php");`
- ☐ b. `redirect("Location: next.php"); exit();`
- ☐ c. `redirect("next.php");`
- ☐ d. `header("Location: next.php"); exit();`
- ☐ e. `header("Location: next.php");`

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Question **11**

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What will be the output of the below code?

```
<?php  
$name = "John";  
$age = 25;  
echo 'My name is $name and I am $age years old.';  
?>
```

- ☐ a. My name is John and I am \$age years old.
- ☐ b. My name is \$name and I am 25 years old.
- ☐ c. My name is John and I am 25 years old.
- ☐ d. My name is \$name and I am \$age years old.
- ☐ e. Error

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Question 12

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What will be the output of the following PHP code?

```
<?php
$num = array(1,4,6,3,8);
foreach ($num as $n) {
    if($n%3==0) {
        continue;
    }else{
        echo $n.", ";
    }
}
?>
```

- ☐ a. 1, 4, 6,
- ☐ b. 1, 4, 8,
- ☐ c. 1, 4,
- ☐ d. 1, 4, 6, 8,
- ☐ e. Error

Question **13**

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In PDO, which method is used to bind a parameter to a placeholder in a prepared SQL statement?

- ☐ a. query()
- ☐ b. connect()
- ☐ c. bindParam()
- ☐ d. fetch()
- ☐ e. execute()

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Question **14**

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How does polymorphism promote flexibility in PHP code?

- ☐ a. It allows code to work with objects of different classes interchangeably
- ☐ b. It prevents the creation of objects from classes
- ☐ c. It makes code rigid and inflexible
- ☐ d. It increases code complexity
- ☐ e. It enforces strict naming conventions

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Question **15**

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What is the usage of enctype attribute in PHP form handling?

- ☐ a. To specify how the form data should be recorded and sent to the server when submitting the form
- ☐ b. To specify how the form data should be validated and sent to the server when submitting the form
- ☐ c. To specify how the form data should be redirected and sent to the server when submitting the form
- ☐ d. To specify how the form data should be encoded and sent to the server when submitting the form
- ☐ e. To specify how the form data should be sanitized and sent to the server when submitting the form

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