

DESCRIPTION

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|----------------------|---------------------------------------|
| STUDENT'S NAME: | |
| PROGRAM: | Web design |
| DATE: | |
| TEACHER'S NAME: | |
| COURSE: | Server-side technologies (TCS) |
| TYPE OF EXAM: | Mid-term |
| DURATION: | 3 hours |
| AUTHORIZED MATERIAL: | None |

OTHER INSTRUCTIONS FROM THE TEACHER

The exam has **6** pages including the cover page. In accordance with the syllabus, the evaluation is worth **20 %** of the final grade.

Penalties imposed on a student accused of an attempt at plagiarism could include, but are not limited to, a grade of 0% for examination or for the entire course. The student could also be either put on probation, suspended and / or expelled from the program.

OTHER INFORMATION

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Revised by : _____

Approved by : _____

Good luck !

Question 1

/3

When handling forms, two methods can be used : get and post. Briefly explain the main difference between the two methods.

Question 2

/2

When gathering data using a form, a basic validation process should be applied. Give two (2) examples of possible validations.

Question 3

/2

What function is used to send mail?

Question 4

/6

Based on the code below, answer the following questions.

```
<?php
$userAge = 17; A

function showName() {
    $userFirstName = "John"; B
    $userLastName = "Smith";
}

echo $userFirstName; C
?>
```

A) What is the value type stored in this variable?

B) What is the variable scope of these two variables?

C) What would be the result of this command?

Question 5

/5

On the empty line of the code below, write the necessary codes to output to screen the following result :

John Smith is only 17

```
<?php
$userAge = 17;
function showName() {
    $userFirstName = "John";
    $userLastName = "Smith";
    _____
}
showName();
?>
```

Question 6

What would be the result of the mathematic operation below?

/3

```
<?php
$a = 2;
$b = 3;
$c;
function calculate() {
    $c = $a + ($b - $a) * 4 / 2;
    echo $c;
}
calculate();
?>
```

Question 7

/2

In the code below, a value must be passed to an argument to print a string to screen. Fill the blank with the appropriate code so «Hello World» would be output to screen.

```
<?php
function myFunction($myArgument) {
    echo _____;
}
myFunction("Hello World");
?>
```

Question 8

/2

The code below should output to screen a string followed by the values of two variables. Within the parenthesis of the function being called, fill the blank so the program work as intended and outputs: «Member's full name: John Smith».

```
<?php
function ourMembers($firstName, $lastName) {
    echo "Member's full name: $firstName $lastName";
}

ourMembers(_____);
?>
```

Question 9

/10

In the empty space below, write the necessary codes to :

- Create a class named « cars ».
- The class will contain the following public properties :
model, year and color.
- The class must contain a function
made to output to screen the three properties.
- Create a new object (instance) from the class you just created.