


DESCRIPTION

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|----------------------|---|
| SUTDENT'S NAME: | Ankit Kumar |
| PROGRAM: | Web design |
| DATE: | |
| TEACHER'S NAME: | |
| COURSE: | Server-side technologies (TCS) |
| TYPE OF EXAM: |  Final Exam |
| 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

Prepared by : **Jean-Guy Turgeon**

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.

For Get URL should contain the Parameters and for Post body should contain it.

For Get purpose is retrieval of documents whereas for Post purpose is Updation of data.

Question 2

/2

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

Password Validation

Number Validation

Question 3

/2

What function is used to send mail?

PHP makes use of mail() function to send an email.

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?

Integer

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

Local scope

C) What would be the result of this command?

Printing the value

"John"

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";

    print "$userFirstName $userLastName is only _____";
    $GLOBALS[userAge];
}
showName();
?>
```

Question 6

What would be the result of the mathematic operation below?

4

/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(_____ $fname,$lname _____);
?>
```

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.

```
class cars:
def __init__(self,model,year,color):
    self.model=model
    self.year=year
    self.color=color
    def display(self):
print("model of car is:",self.model)
print("year of car is:",self.year)
print("color of car is:",self.color)
car1=cars("Buick","2017","Silver")
car1.display()
```