CSE102 Midterm 2 Review

Textbook 3 - Learning PHP, MySQL & JavaScript_ With jQuery, CSS & HTML5:

End of Chapter 4, Chapter 5, Chapter 6 questions

End of Chapter 13, Chapter 14, Chapter 15 and Chapter 16 questions

Study all programs in above chapters.

MCQ/Output questions (JavaScript):

What will be the output of the following JavaScript code?

```
<p id="demo"></p>
var txt1 = "good";
var txt2 = "day";
document.getElementById("demo").innerHTML = txt1 + txt2;
```

a) good day
b) goodday*
c) error
d) undefined

What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
var x = 5;
var y = 2;
var z = x % y;
document.getElementById("demo").innerHTML = z;
</script>
```

a) 0
b) 1*
c) 2
d) 5

What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
var x = 10;
x *= 5;
document.getElementById("demo").innerHTML = x;
</script>
```

a) 5
b) 10
c) 50*
d) Error

What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
txt1 = " one";
txt1 += "two";
document.getElementById("demo").innerHTML = txt1;
</script>
```

a) onetwo*
b) one two
c) error
d) undefined

What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
document.getElementById("demo").innerHTML = typeof "John"
</script>
```

a) integer
b) number
c) string*
d) error

The escape sequence '\f' stands for _____
a) Floating numbers
b) Representation of functions that returns a value
c) \f is not present in JavaScript
d) Form feed*

The snippet that has to be used to check if "a" is not equal to "null" is _____
a) if(a!=null)
b) if (!a)
c) if(a!null)
d) if(a!==null)*

The statement a===b refers to _____
a) Both a and b are equal in value, type and reference address
b) Both a and b are equal in value
c) Both a and b are equal in value and type*
d) There is no such statement

What will be the output of the following JavaScript code?

```
function compare()
{
    int num=2;
    char b=2;
    if(a==b)
        return true;
    else
        return false;
}
```
a) true*
b) false
c) runtime error
d) compilation error

What will be the output of the following JavaScript code?

```
function equalto()
{
    int num=10;
    if(num==="10")
        return true;
    else
        return false;
}
```
a) true*
b) false
c) runtime error
d) compilation error

What will be the output of the following JavaScript code?

```
function compare()
{
    int a=1;
    char b=1;
    if(a.tostring()===b)
        return true;
    else
        return false;
}
```
a) true*
b) false
c) runtime error
d) logical error

What will be the output of the following JavaScript code?

```
int a==2;
int b=4;
int ans=a+b;
print(ans);
```
a) 2
b) 6

c) 0
d) error*

What will be the output of the following JavaScript code?

```
int a=1;
if(a!=null)
    return 1;
else
    return 0;
```

a) 1*
b) 0
c) runtime error
d) compiler error

What will be the output of the following JavaScript code?

```
var string1 = ”123”;
var intvalue = 123;
alert( string1 + intvalue );
```

a) 123246
b) 246
c) 123123*
d) Exception

Consider the following JavaScript statements.

```
var text = "testing: 1, 2, 3"; // Sample text
var pattern = /\d+/g // Matches all instances of one or more digits
```

In order to check if the pattern matches with the string “text”, the statement is _____

a) text==pattern
b) text.equals(pattern)
c) text.test(pattern)
d) pattern.test(text)*

What kind of expression is “new Point(2,3)”?

a) Primary Expression
b) Object Creation Expression*
c) Invocation Expression
d) Constructor Calling Expression

Among the following, which one is a ternary operator?

a) +
b) :
c) –
d) ?:*

What will be the output of the following JavaScript code?

```
function output(option)
{
```

```
      return (option ?  “yes” :  “no”);
}
      bool ans=true;
console.log(output(ans));
```

a) Yes*
b) No
c) Runtime error
d) Compilation error

What will be the output of the following JavaScript code?

```
var  obj=
{
      length:20,
      height:35,
}
if (‘breadth' in obj === false)
{
      obj.breadth = 12;
}

console.log(obj.breadth);
```

a) 20
b) 12*
c) undefined
d) error

What will be the output of the following JavaScript code?

```
function height()
{
    var  height = 123.56;
    var type = (height>=190) ? "tall" : "short";
    return type;
}
```

a) 123.56
b) 190
c) tall
d) short*

What will be the output of the following JavaScript code?

```
function output(object)
{
      var place=object ? object.place : “Italy”;
      return “clean:”+ place;
}
console.log(output({place:India}));
```

a) clean:India*
b) clean:Italy
c) error
d) undefined

What will be the output of the following JavaScript code?

```
<p id="demo"></p>
<script>
function myFunction()
{
    document.getElementById("demo").innerHTML = Math.abs(-7.25);
}
</script>
```

a) 7.25*
b) -7.25
c) 7
d) -7

What happens in the following javaScript code snippet?

```
var count = 0;
while (count < 10)
{
     console.log(count);
     count++;
}
```

a) The values of count are logged or stored in a particular location or storage
b) The value of count from 0 to 9 is displayed in the console*
c) An error is displayed
d) An exception is thrown

What will be the output of the following JavaScript code?

```
var grade='B';
var result;
switch(grade)
{
    case 'A':
    {
        result+="10";
        break;
    }
    case 'B':
    {
        result+=" 9";
        break;
    }
    case 'C':
    {
        result+=" 8";
        break;
    }
    default:
    result+=" 0";
```

```
}
document.write(result);
```
a) 10
b) 9*
c) 8
d) 0

What will be the output of the following JavaScript code?

```
var grade='A';
var result;
switch(grade)
{
    case 'A':
        result+="10";
    case 'B':
        result+=" 9";
    case 'C':
        result+=" 8";
    default:
        result+=" 0";
}
document.write(result);
```
a) 10
b) 27*
c) 8
d) 0

What will be the output of the following JavaScript code?

```
int a=4;
int b=1;
int c=0;
If(a==b)
    document.write(a);
else if(a==c)
    document.write(a);
else
    document.write(c);
```
a) 4
b) 1
c) Error
d) 0*

What will be the output of the following JavaScript code?

```
var grade='E';
var result;
switch(grade)
{
    case 'A':
        result+="10";
```

```
    case 'B':
        result+=" 9";
    case 'C':
        result+=" 8";
    default:
        result+=" 0";
}
document.write(result);
```

a) 10
b) 0*
c) 18
d) 17

MCQ/Output questions (PHP):

How to define a function in PHP?

a) function {function body}
b) data type functionName(parameters) {function body}
c) functionName(parameters) {function body}
d) function functionName(parameters) {function body}*

What will be the output of the following PHP code?

```
    <?php
    function calc($price, $tax="")
    {
        $total = $price + ($price * $tax);
        echo "$total";
    }
    calc(42);
    ?>
```

a) Error
b) 0
c) 42*
d) 84

What will be the output of the following PHP code?

```
    <?php
    $op2 = "blabla";
    function foo($op1)
    {
        echo $op1;
        echo $op2;
    }
    foo("hello");
    ?>
```

a) helloblabla
b) Error
c) hello*
d) helloblablablabla

What will be the output of the following PHP code?

```
<?php
function foo($msg)
{
    echo "$msg";
}
$var1 = "foo";
$var1("will this work");
?>
```

a) Error
b) $msg
c) 0
d) Will this work*

PHP's numerically indexed array begin with position _____

a) 1
b) 2
c) 0*
d) -1

Which of the following are correct ways of creating an array?

i) state[0] = "karnataka";
ii) $state[] = array("karnataka");
iii) $state[0] = "karnataka";
iv) $state = array("karnataka");

a) iii) and iv)*
b) ii) and iii)
c) Only i)
d) ii), iii) and iv)

What will be the output of the following PHP code?

```
<?php
$states = array("Karnataka" => array
("population" => "11,35,000", "capital" => "Bangalore"),
"Tamil Nadu" => array( "population" => "17,90,000",
"capital" => "Chennai") );
echo $states["Karnataka"]["population"];
?>
```

a) Karnataka 11,35,000
b) 11,35,000*
c) population 11,35,000
d) Karnataka population

What will be the output of the following PHP code?

```
    <?php
    $state = array ("Karnataka", "Goa", "Tamil Nadu",
    "Andhra Pradesh");
    echo (array_search ("Tamil Nadu", $state) );
    ?>
```

a) True
b) 1
c) False
d) 2*

What will be the output of the following PHP code?

```
<?php
$cars = array("Volvo", "BMW", "Toyota");
echo "I like " . $cars[2] . ", " . $cars[1] . " and " . $cars[0] .
".";
?>
```

a) I like Volvo, Toyota and BMW
b) I like Volvo, BMW and Toyota
c) I like BMW, Volvo and Toyota
d) I like Toyota, BMW and Volvo*

What will be the output of the following PHP code?

```
<?php
$fname = array("Peter", "Ben", "Joe");
$age = array("35", "37", "43");
$c = array_combine($age, $fname);
print_r($c);
?>
```

a) Array (Peter Ben Joe)
b) Array ([Peter] => 35 [Ben] => 37 [Joe] => 43)
c) Array (35 37 43)
d) Array ([35] => Peter [37] => Ben [43] => Joe)*

What will be the output of the following PHP code?

```
<?php
$a1 = array("red", "green");
$a2 = array("blue", "yellow");
$a3 = array_merge($a1, $a2);
$a4 = array("a", "b", "c", "d");
$a = array_combine($a4, $a3);
print_r($a);
?>
```

a) Array ([a] => blue [b] => yellow [c] => red [d] => green)
b) Array ([0] => blue [1] => yellow [2] => red [3] => green)
c) Array ([0] => red [1] => green [2] => blue [3] => yellow)
d) Array ([a] => red [b] => green [c] => blue [d] => yellow)

What will be the output of the following PHP code?

```
<?php
$names = array("Sam", "Bob", "Jack");
echo $names[0] . "is the brother of " . $names[1] . " and " .
$names[1] . ".";
?>
```

a) Sam is the brother of Bob and Jack
b) Samis the brother of Bob and Bob*
c) Sam is the brother of Jack and Bob
d) Error

What will be the output of the following PHP code?

```
<?php
$names = array("Sam", "Bob", "Jack");
echo $names[0]."is the brother of ".$names[1]." and
".$names[1].".".$brother;
?>
```

a) Sam is the brother of Bob and Bob) $brother
b) Sam is the brother of Bob and Bob)
c) $brother
d) Error*