

1. The PHP keyword "static" is used to:
 - a.) make the PHP code of your scripts visible to the client like JavaScript.
 - b.) declare global variables visible to all other functions.
 - c.) declare a special data type used for random numbers.
 - d.) declare a variable that maintains its value, but is visible only within its function.
 - e.) create an array of fixed length.
2. True or false: It is possible to use an index other than integer values starting at 0.
3. True or false: It is possible to declare an array where the elements are of mixed data types.
4. True or false: Because of the odd indices allowed by PHP, all element initializations must have an index, e.g., you cannot define a new array element with `$array[] = 45`.

Use the following array declaration for the next three problems.

```
$numbers = array(0=>23, "second"=>45, 3=>13, "fourth"=>96);
```

5. Assume an additional element were added to the array `$numbers` with the code `$numbers[1]=9`; After which element would it be included in the array?
 - a.) 0
 - b.) "second"
 - c.) 3
 - d.) "fourth"
 - e.) Can't be predicted
6. Fix the code below to ensure that it will not print "Array element 3 is Array[3]" and instead print "Array element 3 is 13"

```
print "Array element 3 is $numbers[2] ";
```
7. The code `print $numbers[1];` will print:
 - a.) 23
 - b.) 45
 - c.) 13
 - d.) 96
 - e.) 1
 - f.) null (not defined)

Use the following code for the next two problems.

```
foreach ($a as $b => $c) print $b;
```

8. Within the foreach loop, which variable name represents the current array index being evaluated?
 - a.) \$a
 - b.) \$b
 - c.) \$c
9. Within the foreach loop, which variable name represents the current array element being evaluated?
 - a.) \$a
 - b.) \$b
 - c.) \$c
10. Which "printf" specifier is used to format an element as binary?
 - a.) %c
 - b.) %d
 - c.) %u
 - d.) %x
 - e.) %o
 - f.) %f
 - g.) %b
11. In the space below, write the PHP code to initialize a 2x2 array representing the matrix

1	2
3	4