PHP Basics

1. Consider the following script:

   ```
   <html>
    <head>
     <title>PHP</title>
    </head>
    <body>
     <?php echo 'This is some sample text'; ?>
    </body>
   </html>
   ```
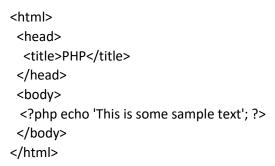
   Which of the following tags is used in the php script?

   A) ASP tag
   B) Script tag
   C) Short tag
   D) Standard tag

2. Which of the following equivalence operations evaluates to true if the two operands are not of the same data type or do not have the same value?

   A) ===
   B) !==
   C) !=
   D) ==

3. Consider the following code:

 $a = 5;

$b = 12;

$c = 10;

$d = 7;

$e = ($a * $b) + $c * $d / $a;

print($e);

What will be the output of the above code?

 A) 74

B) 154

C) 26

D) 130

4. What will be the output when you try to run the script below?

```
$b = false;
if ($b = true) {
 print("true");
} else {
 print("false");
}
```

A) true

B) false

C) The script will throw an error message.

D) true false

5. You run the following PHP script:

```
for($x = 1; $x <= 2; $x++) {
    for($y = 1; $y <= 3; $y++) {
      if ($x == $y) continue;
      print("x = $x  y =  $y");
   }
}
```

What will be the output? Each correct answer represents a complete solution. Choose all that apply.

A) x = 2 y = 3

B) x = 2 y = 2

C) x = 2 y = 1

D) x = 1 y = 3

6. What is the result when the following PHP code involving a boolean cast is executed?

var_dump((bool) 5.8);

A) bool(false)

B) 1

C) bool(true)

D) 0

7. Which one of the following four logical operators of PHP is not binary?

A) NOT

B) AND

C) XOR

D) OR

8. Mark works as a Web Application Developer for Blue Solutions Inc. He writes the following code:

$x = 25;

while($x < 10) {

  $x--;

}
print ($x);

What will be the output when Mark tries to compile and execute the code?

A) 10

B) 0

C) The script will throw an error message.

D) 25

9. What does the following code snippet do?

$a = `ls -l`;

A) It will cause the output of the UNIX ls command to be stored inside $a.

B) It will cause a warning message.

C) It will cause an error.

D) It will not give any result as ls -l is just a string enclosed under single quotes.

10. Consider the following PHP script:

```php
<?= (int) ((0.1 + 0.7) * 10); ?>
```

What will be the output of the PHP script?

A) 7

B) 10

C) The PHP script will return an error message.

D) 8

11. Which of the following statements explains the difference between print() and echo()?

A) You can use print() to print numbers while you cannot use echo for this.

B) You can use print() as part of an expression while you cannot use echo().

C) You cannot use echo() with bitwise operators but you can use print() for this.

D) There is no difference between echo() and print() functions.

12. Mark works as a Web Developer for Unicorn Inc. He develops an application in PHP using the following code:

```php
switch(1) {
    case 1: print("Book Details");
    case 2: print("Book Author");
    default: print("Missing Book");
}
```

What will be the output of the script?

A) Missing Book

B) Book Details

C) Book Author

D) It will display all the three lines.

13. Fred works as a Web developer in Fastech Inc. He writes the following script:


```
$s = 2;
switch ($s) {
    case 1:
        print("Fred");
        break;
    case 2:
        print("Fast");
    case 3:
        print("Tech");
    default: print("default");
}
```


What will be displayed as output when Fred attempts to run this PHP script?

A) FastTechdefault

B) Fast Tech

C) default

D) Fast

14. Consider the following code:


```
$x = 0;
$i;
for($i = 0; $i < 5; $i++) {
    $x += $i;
}
```

```
print($x);
```

What will be the value of x?

A) 8

B) 7

C) 10

D) 9

15. Consider the following code:

```
$a = 20;
$b = 4;
$c = $a % $b;
print($c);
```

What will be the value of the variable c?

A) 5

B) 4

C) 20

D) 0

16. Which of the following are the core extensions? Each correct answer represents a complete solution. Choose all that apply.

A) Classes

B) Arrays

C) Objects

D) PECL

17. You run the following PHP script:

$x = 10;

$b = ++$x;

print($b);

What will be the value of the variable $b?

A) 11

B) 9

C) 10

D) The script will throw an error message.

18. Which of the following data types are compound data types?

A) Array

B) Objects

C) Booleans

D) Strings

19. You run the following PHP script:

<?php echo 0x33, ' birds sit on ', 022, ' trees.';

What will be the output?

A) 51 birds sit on 0 trees.

B) 51 birds sit on 18 trees.

C) 51 birds sit on 22 trees.

D) 51 birds sit on trees.

20. Consider the following code:

$a;

for($a = 1; $a <= 100; $a++) {

```
  if ($a == 50) {

    continue;

  }

  print($a);

}
```

What will be the output of the program?

A) A series from 1 to 100 will be printed. The number 50 will not be printed.

B) A series from 1 to 50 will be printed.

C) A series from 51 to 100 will be printed.

D) A series from 1 to 100 will be printed

21. In which of the following ways does the identity operator === compare two values?

A) It evaluates to true only if the operands are of the same data type and have the same value.

B) It evaluates to true if the two operands are equivalent.

C) If the two values are strings, it performs a lexical comparison.

D) It is an alias of strcmp() function.

22. Which of the following statements is/are FALSE regarding functions in PHP?

A) Functions in PHP cannot return expressions by reference.

B) Concept of void functions exists in PHP 7.1

C) Return value of a function can be specified by using return keyword.

D) PHP can allow functions to return variables.

23. Which of the following PHP variable names is not a valid variable name?

A) $2var

B) $__var

C) $var

D) $_2var

24. What is the value of $x in the following code snippet?

$x = 123 == 0123;

A) FALSE

B) NULL

C) 123

D) TRUE

25. Which of the following files can be used to modify PHP configurations?

A) httpd_php.conf

B) php.ini

C) isset.ini

D) config.ini

26. You run the following PHP script:

$a = 12;
$b = 11;
$a > $b ? print($a) : print($b);

A) 12

B) 11

C) 0

D) The script will throw an error.

27. Which of the following is used to set a constant?

A) define

B) new

C) con

D) set

E) const

28. Which of the following options is NOT as valid tag for PHP script (PHP 7.1)?

A) <!-- ... !>

B) <% ... %>

C) <?= ... ?>

D) <?php ... ?>

29. Which of the following is a magic constant?

A) $_POST

B) $_SERVER

C) __LINE__

D) $_GET

30. Which of the following operators has the highest precedence order?

A) [

B) --

C) -

D) ++

31. Which of the following is related to APC (Alternative PHP Cache)?

A) Namespace

B) Variable

C) Constant

D) Byte code caching

32. Which of the following is NOT a strongly typed language?

A) PHP

B) C

C) C++

D) Java

33. Which of the following is NOT a valid PHP variable name?

A) $1a

B) $a

C) $$a

D) $_a

34. You run the following PHP script:

$a = 20 % -8;

echo $a;

A) 4

B) Script will show an error message.

C) -2

D) -4

35. You run the following PHP script:

<?= (int)"1235Jason";

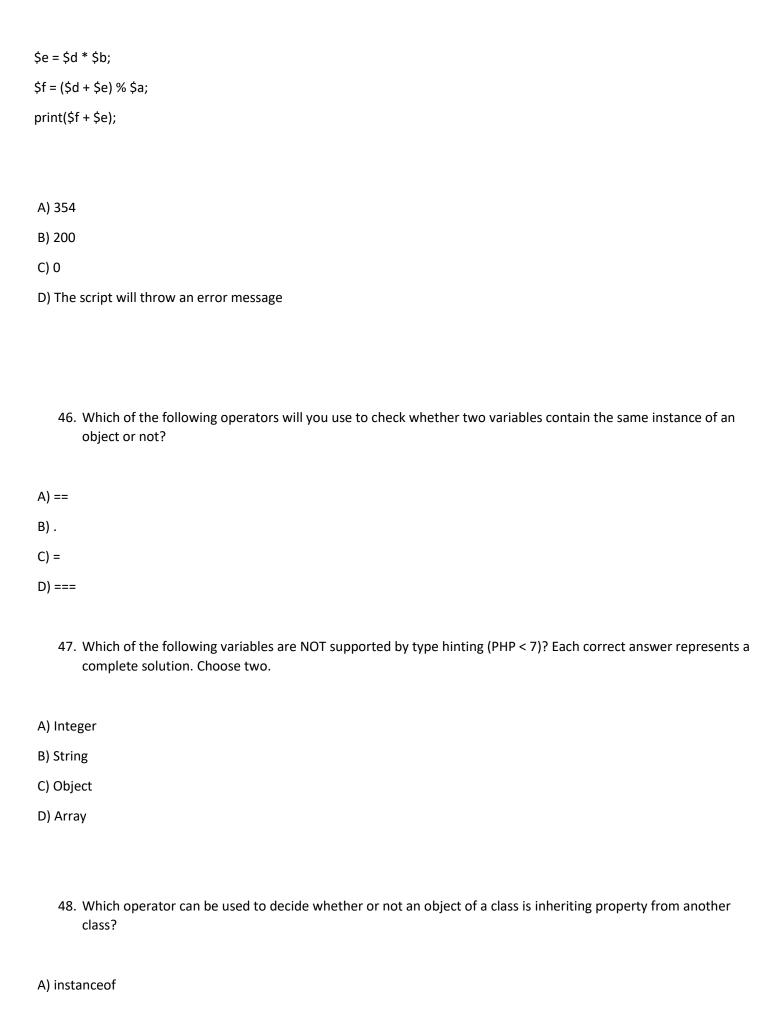What will be the output?

A) 1235

B) It will throw a script error.

C) 0

D) 1235Jason

36. You run the following PHP script:

<php echo (int) "Jason 1235";

What will be the output?

A) 0

B) Jason

C) It will throw a script error.

D) 1235

37. You run the following PHP script:

$sale = 200;

$sale = $sale- + 1;

echo $sale;

What will be the output?

A) 200

B) 201

C) 199

D) an error

38. Consider the following code:

```
$x = 10;
$y = 5;
$x += $y;
```

What will be the value of $x and $y?

A) x=15, y=10

B) x=10, y=5

C) x=15, y=5

D) x=5, y=15

39. You run the following PHP script:

```
$a = "b";
$b = 20;
echo $$a;
```

What will be the output?

A) 20

B) b

C) 0

D) Script will show an error.

40. You run the following script:

10 = $a;

echo $a;

What will be the output?

A) Script will output an error.

B) 10

C) a

D) 0

41. You run the following PHP script:

$num = -123test;

$newnum = abs($num);

print $newnum;

What will be the output?

A) Script will throw an error.

B) -123

C) 0

D) 123

42. Which of the following will you use to iterate a PHP associative array?

A) foreach

B) for in

C) for

D) while

43. You run the following script:

```php
$a = 6 - 10 % 4;
echo $a;
```

What will be the output?

A) 3

B) 4

C) 5

D) 2

44. You run the following script:

```php
<?php
$a = 5 < 2;
echo (gettype($a));
```

What will be the output?

A) boolean

B) integer

C) Script will through an error.

D) string

45. What will be the output of the following code snippet?

```php
$a = 1;
$b = 2;
$c = 0xAF;
$d = $b + $c;
```

$e = $d * $b;

$f = ($d + $e) % $a;

print($f + $e);

A) 354

B) 200

C) 0

D) The script will throw an error message

46. Which of the following operators will you use to check whether two variables contain the same instance of an object or not?

A) ==

B) .

C) =

D) ===

47. Which of the following variables are NOT supported by type hinting (PHP < 7)? Each correct answer represents a complete solution. Choose two.

A) Integer

B) String

C) Object

D) Array

48. Which operator can be used to decide whether or not an object of a class is inheriting property from another class?

A) instanceof

B) Logical

C) Array

D) Execution

49. Which of the following statements correctly explains the use of instanceof and type hinting?

Each correct answer represents a complete solution (Choose three).

A) The instanceof operator lets a programmer inspect all of the ancestor classes of the object, as well as any interfaces.

B) The instanceof operator can be used to check if the variables are an instance of a particular class.

C) Type hinting is a feature due to which functions can specify what type of parameters must be provided to the functions.

D) The instanceof operator can be used to check if the variables are the member of an abstract class.

50. Which of the following streams is used to access the compressed data?

A) compress.zlib

B) file

C) php

D) http

51. Consider the following PHP script:

$a = 5;

$b = 4;

$c = ($a++ * ++$b);

echo $c;

What will be the output?

A) 27

B) 20

C) 21

D) 25

52. Which of the following directives can be used to enable the byte cache performance?

A) apc.enabled

B) cgi.force_redirect

C) child_terminate

D) auto_append_file

53. All variables in PHP start with which symbol?

A) $

B) ?

C) &

D) var

54. Consider the following script:

$string1 = "ab";

$string2 = "cd";

$string1 = $string1 . $string2;

$string3 = "abc";

$string1 .= $string3;

echo $string1;

What will be the output of the above PHP script?

A) cdabc

B) cdabcab

C) abc

D) abcdabc

55. What are possible value of the following code, if $a and $b variable are defined in current scope script?

echo ($a <=> $b);

A) -1, 0, 1

B) null, false, true

C) false, true

D) it depends on the type of $a, $b

56. What will be the output of the following code snippet?

echo 'hello ' . 1 + 2 . '34';

A) hello334

B) 234

C) 0

D) hello1234

57. Consider the following code snippet:

$hello = 'world';
$world = 'hello';
echo $$$hello;

What will be the output?

A) world

B) an empty string

C) helloworld

D) hello

58. You want to enable compression for every Web page of your Website. Which of the following PHP.ini directives can you set to accomplish the task? Each correct answer represents a complete solution. Choose all that apply.

A) zlib.output_compression = on

B) zlib.output_compression_level = 9

C) set _compression_level = 9

D) set_compression = on

59. You want to enable compression in the PHP code output. Which of the following ways should you prefer most?

A) Set zlib.output_compression to on.

B) Turn compress_code setting to true.

C) Set zlib_compression to on.

D) Use the ob_start() function.

60. What is the output of the following PHP script:

```
$a = 10;
$b = 20;
$c = 30;
echo ($a < 50 && $b > 100 || $c == 30) ? "a" : "b";
echo ($b < 50 XOR $c == 30) ? "c" : "d";
```

Enter the exact script output

A) ad

B) b

C) ab

D) a