1. What is PHP?
a) PHP is an open-source programming language
b) PHP is used to develop dynamic and interactive websites
c) PHP is a server-side scripting language
d) All of the mentioned

2. Who is the father of PHP?
a) Drek Kolkevi
b) Rasmus Lerdorf
c) Willam Makepiece
d) List Barely

3. What does **PHP** stand for?
a) PHP stands for Preprocessor Home Page
b) PHP stands for Pretext Hypertext Processor
c) PHP stands for Hypertext Preprocessor
d) PHP stands for Personal Hyper Processor

4. Which of the following is the correct syntax to write a PHP code?
a) <?php ?>
b) < php >
c) < ? php ?>
d) <? ?>

5. Which of the following is the correct way to add a comment in PHP code?
a) #
b) //
c) /* */
d) All of the mentioned

6. Which of the following is the default file extension of PHP files?
a) .php
b) .ph
c) .xml
d) .html

7. How to define a function in PHP?
a) functionName(parameters) {function body}
b) function {function body}
c) function functionName(parameters) {function body}
d) data type functionName(parameters) {function body}

8. What will be the output of the following PHP code?

```php
<?php
$x = 10;
$y = 20;
if ($x > $y && 1||1)
    print "1000 PHP MCQ" ;
else
    print "Welcome to Sanfoundry";
?>
```

a) no output
b) Welcome to Sanfoundry
c) 1000 PHP MCQ
d) error

9. Which is the right way of declaring a variable in PHP?
a) $3hello
b) $_hello
c) $this
d) $5_Hello

10. What will be the output of the following PHP program?

```php
<?php
$fruits = array ("apple", "orange", array ("pear", "mango"),"banana");
echo (count($fruits, 1));
?>
```

a) 6
b) 5
c) 4
d) 3

11. What will be the output of the following PHP program?

```php
<?php
    function multi($num)
    {
        if ($num == 3)
            echo "I Wonder";
        if ($num == 7)
            echo "Which One";
        if ($num == 8)
            echo "Is The";
        if ($num == 19)
            echo "Correct Answer";
    }
    $can = stripos("I love php, I love php too!","PHP");
    multi($can);
?>
```

a) Correct Answer
b) Is The
c) I Wonder
d) Which One

12. Which of the following PHP functions can be used for generating unique ids?
a) md5()
b) uniqueid()
c) mdid()
d) id()

13. In the following PHP program, what is/are the properties?

```php
<?php
```

```
    class Example
    {
        public $name;
        function Sample()
        {
            echo "Learn PHP @ Sanfoundry";
        }
    }
?>
```

a) function sample()
b) echo "This is an example";
c) public $name;
d) class Example

14. What will be the output of the following PHP code?

```
<?php
define("GREETING", "PHP is a scripting language");
echo $GREETING;
?>
```

a) $GREETING
b) no output
c) PHP is a scripting language
d) GREETING

15. A function in PHP which starts with __ (double underscore) is known as _____
a) Default Function
b) User Defined Function
c) Inbuilt Function
d) Magic Function

16. How many functions does PHP offer for searching and modifying strings using Perl-compatible regular expressions.
a) 10
b) 7
c) 8
d) 9

17. Which of the following web servers are required to run the PHP script?
a) Apache and PHP
b) IIS
c) XAMPP
d) Any of the mentioned

18. What will be the output of the following PHP code snippet?

```
<?php
    $url = "phpmcq@sanfoundry.com";
    echo ltrim(strstr($url, "@"),"@");
?>
```

a) phpmcq@sanfoundry.com
b) php@sanfoundry.com

c) phpmcq@
d) sanfoundry.com

19. Which of the following PHP functions can be used to get the current memory usage?
a) memory_get_usage()
b) memory_get_peak_usage()
c) get_peak_usage()
d) get_usage()

20. Which one of the following PHP function is used to determine a file's last access time?
a) filetime()
b) fileatime()
c) fileltime()
d) filectime()

21. What will be the output of the following PHP code?

```php
<?php
$x = 5;
$y = 10;
function fun()
{
    $y = $GLOBALS['x'] + $GLOBALS['y'];
}
fun();
echo $y;
?>
```

a) 5
b) 10
c) 15
d) Error

22. PHP recognizes constructors by the name _____
a) function __construct()
b) function _construct()
c) classname()
d) _construct()

23. The developers of PHP deprecated the safe mode feature as of which PHP version?
a) PHP 5.3.1
b) PHP 5.3.0
c) PHP 5.1.0
d) PHP 5.2.0

24. What will be the value of the variable $input in the following PHP program?
```php
<?php
$input = "PHP<td>stands for</td>Hypertext<i>Preprocessor</i>!";
$input = strip_tags($input,"<i></i>");
echo $input;
?>
```

a) PHP stands for Hypertext <i>Preprocessor</i>!
b) PHP stands for Hypertext Preprocessor!

c) PHP <td>stands for</td> Hypertext <i>Preprocessor</i>!
d) PHP <td>stands for</td> Hypertext Preprocessor!

25. Which of the following variables does PHP use to authenticate a user?

```
i) $_SERVER['PHP_AUTH_USER'].
ii) $_SERVER['PHP_AUTH_USERS'].
iii) $_SERVER['PHP_AUTH_PU'].
iv) $_SERVER['PHP_AUTH_PW'].
```

a) ii) and iv)
b) i) and iv)
c) ii) and iii)
d) i) and ii)

26. What does PDO stand for?
a) PHP Database Orientation
b) PHP Data Orientation
c) PHP Data Object
d) PHP Database Object

27. What will be the output of the following PHP program?
```php
<?php
$a = 100;
if ($a > 10)
    printf("PHP Quiz");
else if ($a > 20)
    printf("PHP MCQ");
else if($a > 30)
    printf("PHP Program");
?>
```

a)PHP Quiz, PHP MCQ, PHP Program

b) PHP Quiz
c) No output
d) *PHP MCQ*

28. Which of the looping statements is/are supported by PHP?

i) for loop

ii) while loop

iii) do-while loop

iv) foreach loop

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

29. Which PHP statement will give output as $x on the screen?
a) echo "\$x";
b) echo "$$x";
c) echo "/$x";
d) echo "$x;";

30. Which version of PHP introduced the advanced concepts of OOP?
a) PHP 6
b) PHP 4
c) PHP 5
d) PHP 5.3

31. What will be the output of the following PHP code?
```php
<?php
$x = 4;
$y = 3
$z = 1;
$z = $z + $x + $y;
echo "$z";
?>
```
a) 15
b) 8
c) 1
d) $z

32. What will be the output of the following PHP program?

```php
<?php
$a = "$winner";
$b = "/$looser";
echo $a,$b;
?>
```
a) /
b) $looser
c) /$looser
d) $winner/$looser

33. Which one of the following is the default PHP session name?
a) PHPSESSIONID
b) PHPIDSESS
c) PHPSESSID
d) PHPSESID

34. What will be the output of the following PHP program?

```php
<?php
$mcq = 1;
switch(print $mcq)
```

```
{
case 2:
    print "HTML";
    break;
case 1:
    print "CSS";
    break;
default:
    print "JavaScript";
}
?>
```

a) error
b) 1HTML
c) 1JavaScript
d) 1CSS

35. What will be the output of the following PHP program?

```php
<?php
define("VAR_NAME","test");
${VAR_NAME} = "value";
echo VAR_NAME;
echo ${VAR_NAME};
?>
```

a) testtest
b) testvalue
c) error, constant value cannot be changed
d) test

36. Which PHP function displays the web page's most recent modification date?
a) getlastmod()
b) get_last_mod()
c) lastmod()
d) last_mod()

37. What will be the output of the following PHP program?

```php
<?php
$i = 5;
while (--$i > 0 && ++$i)
{
    print $i;
}
?>
```

a) 555555555…infinitely
b) 54321
c) error
d) 5

38. What will be the output of the following PHP code?

```php
<?php
function constant()
```

```
{
    define("GREETING", "Welcome to Sanfoundry",true);
    echo greeting;
}
?>
```

a) GREETING
b) Welcome to Sanfoundry
c) ERROR
d) greeting

39. Which variable is used to collect form data sent with both the GET and POST methods?
a) $_BOTH
b) $REQUEST
c) $_REQUEST
d) $BOTH

40. What will be the output of the following PHP program?

```php
<?php
$php = array("Array", "Function", "Strings", "File");
echo pos($php);
?>
```

a) Function
b) File
c) Strings
d) Array

41. If $a = 12 what will be returned when ($a == 12) ? 5 : 1 is executed?
a) 1
b) 5
c) 12
d) Error

42. PHP's numerically indexed array begin with position _____
a) 1
b) 2
c) 0
d) -1

43. 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)

44. What will be the output of the following PHP code?

```
1.    <?php
2.    $states = array("Karnataka" => array
3.    ("population" => "11,35,000", "capital" => "Bangalore"),
4.    "Tamil Nadu" => array( "population" => "17,90,000",
5.    "capital" => "Chennai") );
6.    echo $states["Karnataka"]["population"];
7.    ?>
```

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

45. Which of the following PHP function will return true if a variable is an array or false if it is not an array?
a) this_array()
b) is_array()
c) do_array()
d) in_array()

46. Which in-built function will add a value to the end of an array?
a) array_unshift()
b) into_array()
c) inend_array()
d) array_push()

47. What will be the output of the following PHP code?

```
1.    <?php
2.    $state = array ("Karnataka", "Goa", "Tamil Nadu",
3.    "Andhra Pradesh");
4.    echo (array_search ("Tamil Nadu", $state) );
5.    ?>
```

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

48. What will be the output of the following PHP code?

```
1.    <?php
2.    $fruits = array ("apple", "orange", "banana");
3.    echo (next($fruits));
4.    echo (next($fruits));
5.    ?>
```

a) orangebanana
b) appleorange
c) orangeorange
d) appleapple
49. Which of the following function is used to get the value of the previous element in an array?
a) last()
b) before()

c) prev()
d) previous()

50. What will be the output of the following PHP code?

```php
1.    <?php
2.    $fruits = array ("apple", "orange", array ("pear", "mango"),
3.    "banana");
4.    echo (count($fruits, 1));
5.    ?>
```

a) 3
b) 4
c) 5
d) 6

51. Which function returns an array consisting of associative key/value pairs?
a) count()
b) array_count()
c) array_count_values()
d) count_values()

52. The practice of separating the user from the true inner workings of an application through well-known interfaces is known as _____
a) Polymorphism
b) Inheritance
c) Encapsulation
d) Abstraction

53. Which of the following term originates from the Greek language that means "having multiple forms," defines OOP's ability to redefine, a class's characteristics?
a) Abstraction
b) Polymorphism
c) Inheritance
d) Differential

54. The practice of creating objects based on predefined classes is often referred to as
_____
a) class creation
b) object creation
c) object instantiation
d) class instantiation

55. Which one of the following property scopes is not supported by PHP?
a) friendly
b) final
c) public
d) static

56. Which one of the following can be used to instantiate an object in PHP assuming class name to be Foo?
a) $obj = new $foo;
b) $obj = new foo;

c) $obj = new foo ();
d) obj = new foo ();

57. Which one of the following is the right way to define a constant?
a) constant PI = "3.1415";
b) const $PI = "3.1415";
c) constant PI = '3.1415';
d) const PI = '3.1415';

58. Which one of the following is the right way to call a class constant, given that the class is mathFunction?
a) echo PI;
b) echo mathFunction->PI;
c) echo mathFunction::PI;
d) echo mathFunction=PI;

59. Which one of the following is the right way to invoke a method?
a) $object->methodName();
b) object->methodName();
c) object::methodName();
d) $object::methodName();

60. Which of the following is/are the right way to declare a method?

i) function functionName() { function body }

ii) scope function functionName() { function body }

iii) method methodName() { method body }

iv) scope method methodName() { method body }

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

61. Which of the following method scopes is/are not supported by PHP?

i) private

ii) friendly

iii) static

iv) abstract

a) Only ii)
b) Only iv)

c) ii) and iv)
d) Only i)

62. How many error levels are available in PHP?
a) 14
b) 15
c) 16
d) 17

63. What is the description of Error level E_ERROR?
a) Fatal run-time error
b) Near-fatal error
c) Compile-time error
d) Fatal Compile-time error

64. Which version of PHP introduced E_STRICT Error level?
a) PHP 4
b) PHP 5
c) PHP 5.2
d) PHP 5.3

65. Which character does the error_reporting directive use to represent the logical operator NOT?
a) /
b) !
c) ~
d) ^

66. Say you want to report error concerned about fatal run-time, fatal compile-time error and core error which statement would you use?
a) error_reporting = E_ALL
b) error_reporting = E_ERROR | E_PARSE | E_CORE_ERROR
c) error_reporting = E_ERROR | E_COMPILE_WARNING | E_CORE_ERROR
d) error_reporting = E_ERROR | E_COMPILE_ERROR | E_CORE_ERROR

67. Which version introduced the function error_get_last()?
a) PHP 4
b) PHP 5
c) PHP 5.2
d) PHP 5.3

68. Which of the following statements causes PHP to disregard repeated error messages that occur within the same file and on the same line?
a) ignore_repeated_errors
b) ignore_repeat_error
c) repeatedly_ignore_error
d) repeated_error_ignore

69. Which function initializes the constants necessary for using the openlog(), clodelog(), and syslog() functions?

a) define_variable()
b) define_log_variable()
c) log_variable()
d) define_syslog_variable()

70. Which logging option's description is if an error occurs when writing to the syslog, send output to the system console?
a) LOG_CONS
b) LOG_NDELAY
c) LOG_ODELAY
d) LOG_PERROR

71. Which function is responsible for sending a custom message to the system log?
a) systemlog()
b) syslog()
c) log_system()
d) sys_log()

72. What will be the output of the following PHP code?

```php
1. <?php
2. $a = 10;
3. echo ++$a;
4. echo $a++;
5. echo $a;
6. echo ++$a;
7. ?>
```

a) 11111213
b) 11121213
c) 11111212
d) 11111112

73. What will be the output of the following PHP code?

```php
1. <?php
2. $a = 12;
3. --$a;
4. echo $a++;
5. ?>
```

a) 11
b) 12
c) 10
d) error

74. What will be the output of the following PHP code?

```php
1. <?php
2. $x = "test";
3. $y = "this";
4. $z = "also";
5. $x .= $y .= $z ;
6. echo $x;
```

```
7.echo $y;
8.?>
```

a) testthisthisalso
b) testthis
c) testthisalsothisalso
d) error at line 4

75. What will be the output of the following PHP code?

```
1.<?php
2.$x = 1;
3.$y = 2;
4.if (++$x == $y++)
5.{
6.    echo "true ", $y, $x;
7.}
8.?>
```

a) no output
b) true 32
c) true 23
d) true 22

76. What will be the output of the following PHP code?

```
1.<?php
2.$y = 2;
3.$w = 4;
4.$y *= $w /= $y;
5.echo $y, $w;
6.?>
```

a) 80.5
b) 44
c) 82
d) 42

77. What will be the output of the following PHP code?

```
1.<?php
2.$y = 2;
3.if ($y-- == ++$y)
4.{
5.    echo $y;
6.}
7.?>
```

a) 2
b) 1
c) 3
d) no output

78. What will be the output of the following PHP code?

```
1.<?php
```

```
2. $y = 2;
3. if (**$y == 4)
4. {
5.     echo $y;
6. }
7. ?>
```

a) 4
b) 2
c) error at line2
d) no output

79. What will be the output of the following PHP code?

```
1. <?php
2. $y = 2;
3. if (--$y == 2 || $y xor --$y)
4. {
5.     echo $y;
6. }
7. ?>
```

a) 1
b) 0
c) 2
d) no output

80. What will be the output of the following PHP code?

```
1. <?php
2. $y = 2;
3. if (--$y <> ($y != $y++))
4. {
5.     echo $y;
6. }
7. ?>
```

a) 1
b) 0
c) 2
d) undefined

81. What will be the output of the following PHP code?

```
1. <?php
2. define("GREETING", "PHP is a scripting language", true);
3. echo GREETING;
4. echo "<br>";
5. echo GREETING;
6. ?>
```

a) PHP is a scripting language
b)GREETING

GREEtING

c) GREETING
d)

PHP is a scripting language

PHP is a scripting language

82. What will be the output of the following PHP code?

```php
1. <?php
2. define("GREETING", "PHP is a scripting language");
3. echo $GREETING;
4. ?>
```

a) $GREETING
b) no output
c) PHP is a scripting language
d) GREETING

83. What will be the output of the following PHP code?

```php
1. <?php
2. define('GREETING_TEST', 'PHP is a scripting language', true);
3. echo GREETING_TESt;
4. $changing_variable = 'test';
5. echo constant('GREETING_' . strtoupper($changing_variable));
6. ?>
```

a)

PHP is a scripting language PHP is a scripting language

b)

GREETING_TESt PHP is a scripting language

c)

PHP is a scripting language GREETING_TEST

d)

GREETING_TESt GREETING_TEST

84. What will be the output of the following PHP code?

```php
1. <?php
```

```
 2. class Constants
 3. {
 4.     define('MIN_VALUE', '0.0');
 5.     define('MAX_VALUE', '1.0');
 6.     public static function getMinValue()
 7.     {
 8.         return self::MIN_VALUE;
 9.     }
10.             public static function getMaxValue()
11.             {
12.                 return self::MAX_VALUE;
13.             }
14.         }
15.         echo Constants::getMinValue();
16.         echo Constants::getMaxValue();
17.         ?>
```

a) 0.01.0
b) 01
c) No output
d) ERROR

85. What will be the output of the following PHP code?

```
1. <?php
2. define("  LINE  ", "PHP is a scripting language");
3. echo __LINE__;
4. ?>
```

a) PHP is a scripting language
b) __LINE__
c) 3
d) ERROR

86. What will be the output of the following PHP code?

```
1. <?php
2. define('IF', 42);
3. echo "IF: ", IF;
4. ?>
```

a) IF:42
b) No output
c) IF:
d) ERROR

87. What will be the output of the following PHP code?

```
1. <?php
2. define("NEW_GOOD_NAME_CONSTANT", "I have a value");
3. define("OLD_BAD_NAME_CONSTANT", NEW_GOOD_NAME_CONSTANT);
4.
5. echo NEW_GOOD_NAME_CONSTANT;
6. echo OLD_BAD_NAME_CONSTANT;
7. ?>
```

a) I have a value
b) I have a valueI have a value
c) ERROR
d) I have a valueNEW_GOO_NAME_CONSTANTS

88. What will be the output of the following PHP code?

```php
1. <?php
2. define('GOOD_OCTAL', 0700);
3. define('BAD_OCTAL', 0600);
4. print GOOD_OCTAL;
5. print '<br>';
6. print BAD_OCTAL;
7. ?>
```

a)

448

384

b)

0700

0800

c) ERROR
d) No output

89. What will be the output of the following PHP code?

```php
1. <?php
2. define("VAR_NAME","test");
3. ${VAR_NAME} = "value";
4. echo VAR_NAME;
5. echo ${VAR_NAME};
6. ?>
```

a) test
b) testtest
c) testvalue
d) error, constant value cannot be changed

90. What will be the output of the following PHP code?

```php
1. <?php
2. class myObject { }
3. define('myObject::CONSTANT', 'test');
4. echo myObject::CONSTANT;
5. ?>
```

a) test
b) error
c) myObject::CONSTANT
d) no output

91. A package is a set of related _____
a) Objects
b) Classes
c) Programs
d) Functions

92. Till which version of PHP, developers were forced to name their files in a global context?
a) PHP 4
b) PHP 5
c) PHP 5.2
d) PHP 5.3

93. Which of the following can you place inside a namespace?

i) classes

ii) functions

iii) variables

a) i)
b) ii)
c) iii)
d) i), ii) & iii)

94. Which one of the following is the correct way of declaring a namespace?
a) namespace my;
b) namespace my();
c) my namespace;
d) namespace(my);

95. Which symbol is used to declare nested namespaces?
a) /
b) \
c) .
d) |

96. Output:

```
    namespace main;
    com\getinstance\util\Debug::helloWorld()
PHP Fatal error: Class 'main\com\getinstance\util\Debug' not found in ...
```

Using which one of the following PHP lines will the error be removed?
a) \\com\getinstance\util\Debug::helloWorld();

b) getinstance\util\Debug::helloWorld();
c) main.com\getinstance\util\Debug::helloWorld();
d) \com\getinstance\util\Debug::helloWorld();

97. Which keyword can be used to fix the following PHP error?

```
    namespace main;
    com\getinstance\util\Debug::helloWorld()
PHP Fatal error: Class 'main\com\getinstance\util\Debug' not found in ...
```

a) fix
b) join
c) use
d) namespace

98. If I already had a Debug class in the main namespace. What will be the output of the following PHP code?

```
1. namespace main;
2. use com\getinstance\util\Debug;
3.
4. class Debug {
5.     static function helloWorld() {
6.         print "hello from main\Debug";
7.     }
8. }
9.
10.     Debug::helloWorld();
```

a) error
b) hello from main
c) hello from main\Debug
d) debug

99. Which one of the following statements is true for include_once() and require_once()?
a) Both are exactly the same
b) include_once is used for files where as require_once() is not
c) Both Handle the errors in the same way
d) Both do not handle the errors in the same way

100. Which one of the following statements is true for require() and require_once()?
a) They are functions
b) They are statements
c) They'll not work if the () is not present
d) They can not be used to require files