WT Question Sheet

- *One Marker*

1. "In Php resource variable can hold anything." Justify True or False.
2. Find the output

   ```
   < q Php
   $ life = 30;
   Function meaning of life( )
   {
           Print "the meaning of life is $ life <br>";
   }
   Meaning of life( );
   q >
   ```
3. hat function could you use to add library code to the currently running script?
4. Consider the following array:
   $a = array (1 ➔ "one", 5 ➔ "five", 3 ➔ "three", 4 ➔ "four");
   Sort above array on key and what will be the output.
5. Which keyword is used to refer to properties or methods within the class itself?
6. What is first step to list files in a directory?
7. How would you destroy session variables both within the current script and the session?
8. Define Introspection.
9. State the purpose of var-dump( ).
10. What is purpose of func_num_orgs( ) ?

11. Write purpose of resource data type with suitable example.

12. Give two examples of web browsers.

13. Which operator is used to compare data as well as data type?

14. Give function to check if a variable has value or not?

15. What is an associative array? Give an example.

16. "Abstract class must contain all abstract methods." Justify True/False.

17. Which function is used to check if class is present or not?

18. What is purpose of file( ) ?

19. Write connect function in PEAR DB for postgreSQL.

20. How to release connection in database specific way?

21. State the features of PHP.

22. What is the use of count( ) ?

23. State true or false:

    "Include "abe.php" can be written two times in a PHP script."

24. What is serialization?

25. Define array_unique( ).

26. Write the output of the following PHP script:

    $white="show";
    $black=&$while;
    unset($white);
    print$black;

27. "A function can have variable number of arguments." State true or false.

28. How to find out the position of the first occurrence of a substring in a string?

29. State the pear db function to get system error message, if the database connection fails.

30. How to get the user ID of the owner of the specified file?

31. State the advantages of PHP.

32. How to check if given variable is Array or not?

33. What is the difference between == and === ?

34. What will be output of the following:

```php
<?php
    $a = "K9";
    $a++;
    Echo $a;
?>
```

35. What is the difference between echo( ) and print( ) functions ?

36. How to Insert and Remove the last element of an array?

37. What is interface?

38. State the purpose of $this variable.

39. Write the purpose of rewind( ) function.

40. "Keywords are case sensitive in PHP". Justify True or False.

41. What is the role of web server and web browser?

42. State True/False: "The names of user-defined classes and functions as well as built-in constructs are case-insensitive.

43. Differentiate between single-quoted string and double-quoted string.

44. What is serialization?

45. Write the output of the following PHP script:

```php
$str = 'abc, pqr, lmn, xyz';
$a = explode(' , ' , $str, 3);
print-r($a);
```

46. Which function is used to remove duplicate elements from an array?

47. How to access data members of a class inside member function?

48. State the advantage of using PEAR DB functions.

49. How to move back to the first entry in a given directory while working with it?

50. Write the output of the following PHP script:

```
function change( )
{ $cnt ++; }
$cnt = 20;
change( );
echo $cnt;
```

51. How do you define constant PI with value 3.142 in PHP?

52. What is type casting?

53. How to create object in PHP?

54. What will be output of the following:

```
<?php
        $a = "LK9"';
        $a++;
        Echo $a;
?>
```

55. What is the difference between echo( ) and print( ) functions ?

56. What is the difference between single and double quoted string?

57. What is serialization?

58. What is PEAR DB Library?

59. State the purpose of Array_filter ( ) function.

60. List any four web browser names.

61. What is web browser?

62. Give function to check if variable has value or not.

63. Write the purpose of explode function

64. Define an Introspection

65. How to delete file in Php?

66. What are the different placeholders used in SQL query?

67. Write the output of the following script.

```php
<? Php
        $ a = 'PHP';
        $ b = '$ a interpolation';
        echo $ b;
?>
```

68. How will you find number of elements in array?

69. What is use of serialization?

70. What is a constructor?

- *Five Marker (first)*

1. Explain the following control statement with their two ways syntax with suitable example:
    a. for
    b. while.
2. Explain anonymous function? Write an anonymous function to find smallest of two numbers.
3. What is an array in Php? Explain different iterator function.
4. What is array? Write a short note on multidimensional array with examples.
5. Write a PHP program to accept a string and print string divided into equal number of characters. (Consider spaces and enter character in calculation).
6. Write steps to accept database using database specific way.
7. Explain the PHP functions used to convert array into variables and vice versa.
8. Assume database empdb is already exists. Write a PHP script using postgreSQL to increment salary of all employees by 10%. Consider table emp(eno, ename, salary).
9. Write a PHP script to accept three strings strl, str2, str3 from user. Search str2 in strl and replace all occurrences of str2 by str3. Also display total number of occurrences.
10. What is Data type? List different Data types in PHP? Explain any two.
11. What are the different class methods and object methods available in PEAR DB library? Explain.

12. What is associate array? Explain with suitable example how it different from indexed array. Explain foreach( ) function.
13. Explain scope of a variable in PHP with suitable example.
14. Consider a table student (rno, name, class). Assume database stud already exists. Write a PHP script to accept a student roll no. and display details of that student using PEAR DB functions.
15. Write a PHP script to define class vector with size and integer elements. Define a construction to initialize the object. Accept vector elements and its size from user. Also write member functions to display its elements.
16. What is Data type? List different Data types in PHP? Explain any two.
17. What is array? Explain different types of Arrays with an example.
18. Explain constructor and destructor with suitable example.
19. Explain the execution of Php script using diagram.
20. Explain the following functions with example.
    a. Ucwords ( )
    b. Trim ( )
    c. Str- Pad ( )
    d. Ucfirst ()
    e. Chunk - Split ( )
21. Write a Php program to accept associative array of five expenses (electricity bill, phone bill, petrol bill property tax, college fees) and their respective amount of' two persons. print the total expenditure of each person.

• *Five Marker (second)*

1. Write Php script to create class shape & its sub-class triangle, square, circle and display the area of the selected shape (use the concept of inheritance).
2. Weather forecasting department has a file with 20 parameters and 1000 lines. All parameters are separated by comma and all lines are separated by "\n". Accept file name from user and read that file and print first two parameters of the file.
3. Explain any five string manipulation function with a suitable example.
4. Write a PHP program to add assignment record of the given student. (Consider-Rno, name, assignment, set, question no, marks, date accept from student).
5. Accept directory name from user. Write a PHP program to change current directory to accepted directory name and count number of files and directories in it.
6. What is serialization? How is it used in PHP?
7. Write a PHP script to display date and time of a file when it was last accessed.
8. How to call a constructor of a parent class from a child class? Explain with suitable example.
9. Write the difference between break and continue statement of PHP with an example.
10. Explain the following functions with syntax and example:
    a. Func_num_args( )
    b. Var_dump( )
    c. Print_r( )
    d. Soundex( )

e. strrpos( )

11. Explain ereg( ) function. List and explain (any three) with example special character used in regular expression.

12. Write a PHP script to accept directory name and display the contents in table format.

13. How to get array of keys and array of values from an associative array? Illustrate with suitable example using built-in functions.

14. Consider a string $str = "PUNE UNIVERSITY"; write a PHP script to display above string in the format given below using built-in function:
    a. pune university
    b. PUNE UNIVERSITY
    c. Pune university
    d. Pune University
    e. Pune University***

15. Explain the following functions with respect to a file:
    a. Filectime( )
    b. file( )
    c. stat( )
    d. unlink( )
    e. fwrite( )

16. Explain the following functions with syntax and example:
    a. Fune_get_arg( )
    b. Var_dump( )
    c. Strrev( )
    d. Similar_text( )
    e. Str_replace( )

17. List and explain (any three) the functions of PCRE.

18. Write a PHP script to accept filename from the user and print total number of words.
19. What is inheritance? Explain with suitable example.
20. Write a Php script to read a file DNA. TXT where file contains character A, T, C G and space. Count occurrences of each character and write it to the DNACOUNT.TXT file.
21. Write steps to create connection with Postgre SQL database and display the data.

- *Ten Marker*

1. Questions
   a. Explain difference between GET and POST Method. [5]
   b. Write a script to keep track of number of times the web page has been accessed. [5]
2. Questions
   a. To fill online exam form students has to fill up self-information on first page then on second page he will fill the details of current year's papers of which he will give exam. On third page you have to print information of student, papers and total amount he has pay. [5]
   Write a Php script to automate above process.
   b. Write a note on cookies. [5]
3. Questions
   a. Write any two functions of decompose string with suitable example. [2]
   b. Write a PHP program to sort array on marks. (Array contains names and marks.) [5]
   c. Write a short note on prepare and execute functions in databases.
4. Questions
   a. Write a PHP program to create class college and derive class science from it with accept and print methods. Accept information from user assign it to class members and print it. [4]
   b. Write a short note on directory manipulation. [4]

c. Write role of web server in internet programming. [2]

5. Questions

   a. Explain the concept of missing parameters to a function with suitable example. [4]
   b. Write a PHP script to implement any two set operations. eg. union, intersection, difference. [4]
   c. What is abstract class? Write features of it. [2]

6. Questions

   a. Explain the functions used for reading and writing characters in files. [4]
   b. Discuss PCRE preg_match( ) and preg _grep( ) with example. [4]
   c. Explain DB : : connect( ). [2]

7. Questions

   a. Explain the following functions with respect to Array: [4]
      i. Extract( )
      ii. Shuffle( )
      iii. Array_splice( )
      iv. Arsort( )
   b. Consider the following relational database: [4]
      Movie(Movie_no, Movie_name, Year)
      Actor(Actor_no, Actor_name, Movie_no)
      Write a php script which accept Movie_name and display actors acted in same movie.
   c. Explain variable function concept in PHP. [2]

8. Questions

   a. Explain the following functions with example: [4]
      i. Fgets( )

    ii. Flock( )

    iii. File( )

    iv. Fileatime( )

b. Write a short note on Introspection. [4]

c. Write an anonymous function to maximum of two numbers. [2]

9. Questions

a. hat is an Anonymous function? How is it different from normal function? [4]

b. Write a PHP script to accept a file name from user and display last access date and time of a file. [4]

c. Write the output of the following PHP script ; [2]

```
< & php
$ age = array ("Peter" ➔ "35", "Ben" ➔ "37", "Joe" ➔ "43");
arsort ($ age);
print-r ($ age);
```

10. Questions

a. How to pass parameters to a function by reference? Explain with example. Also write its advantage. [4]

b. Explain the following function: [4]

    i. array-flip( )

    ii. array-filter( )

    iii. is-object( )

    iv. die( )

c. Explain the concept of extends and implements with class. [2]

11. Questions

a. Explain the following functions with respect to Array:

      i. Explode( )

     ii. Array_unshift( )

    iii. Array_slice( )

    iv. Krsort( )

b. Write a php script display the student details in table format. [4]

c. Explain anonymous function concept in PHP. [2]

12. Questions

a. Explain the following function with example: [4]

      i. Fputs( )

     ii. Fseek( )

    iii. readFile( )

    iv. Filemtime( )

b. Write a PHP script to accept and insert records in employee table. [4]

c. Write a short note on Interface. [2]

13. Questions

a. Explain the following statements with syntax and example [4]

      i. While statement

     ii. Switch statement

b. Explain different types of arguments passing to functions with example. [4]

c. Explain Implode ( ) with suitable example. [2]

14. Questions

a. Consider the following relational data base

    Movie (Movie - no , Movie - name, year)

    Actor (Actor - no, Actor - name, Movie - no)

  Write Php script which accept movie - name and display actors acted in some movie. [4]

b. Explain following functions. [4]
    i.   fread ()
    ii. fwrite()
    iii. fgetce ()
    iv. fgets ()

c. What is class? Give syntax of class declaration in Php. [2]