BACHELOR OF COMPUTER APPLICATION
FIFTH SEMESTER
WEB PROGRAMMING
BCA-502
[USE OMR SHEET FOR OBJECTIVE PART]

SET B

Duration: 3 hrs.

Full Marks: 70

(**Objective**)

Time: 30 mins.

Marks: 20

Choose the correct answer from the following: 1 x20=20

1. "It's a very essential configuration file that controls what a user can or cannot do with the website"- what is it in PHP?
   a. Include( )
   b. Apache
   c. CSS
   d. Php.ini file

2. 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}

3. The PHP ....function is used to open a file.
   a. open()
   b. fopen()
   c. create()
   d. insert()

4. Which one of the following statements is used to create a table?
   a. CREATE TABLE table_name (column_namecolumn_type);
   b. CREATE table_name (column_typecolumn_name);
   c. CREATE table_name (column_namecolumn_type);
   d. CREATE TABLE table_name (column_typecolumn_name);

5. What is the valid example to define an object of a class in PHP?
   a. $apple = new Fruit();
   b. $apple = Fruit();
   c. $Fruit()= new apple;
   d. $Fruit()= apple;

6. The purpose of r+ mode is?
   a. Opens the file for reading and writing
   b. Places the file pointer at the beginning of the file
   c. Places the file pointer at the end of the file
   d. Both a and b

7. A super global variable can provide which of the following?
   a. Cannot access cookies stored on a client
   b. Available throughout all program code
   c. Requires declaration
   d. Doesn't allow access to HTML form variables

8. Which sign is used to declare variables in PHP?
   a. @
   b. &
   c. -
   d. $

9. In PHP, to join two strings, ...is used.
   a. + (plus)
   b. & (ampersand)
   c. . (dot)
   d. All of the above

10. What will be the output of the following PHP code?
```
<?php
$x = 5;
function myFunction(){   echo "Result $x";}
myFunction();
?>
```
    a. Result $x   b. Result 5

    c. Result   d. None of the above

11. Identify the empty or void element in HTML.
    a. <sup>   b.

    c. <p>   d. <abbr>

12. Which of the following attribute is used for merging two or more adjacent columns?
    a. ROWSPAN   b. CELLSPACING

    c. COLSPAN   d. CELLPADDING

13. Using PHP, in regular expression, "^xyz$" means?
    a. Matches a string that only starts with xyz   b. Matches a string that only ends with xyz

    c. Matches a string that cannot start with xyz   d. Matches a string that starts and ends with xyz

14. Which database is inbuild with phpxampp server?
    a. Mysql 5.1   b. Oracle 9i

    c. SQL Server 2000   d. PHPMyAdmin

15. Among the following operators identify the one which is used to allocate memory to array variables in JavaScript.
    a. new   b. Malloc

    c. Calloc   d. realloc

16. Missing $ symbol before the variable name is a ....type of error.
    a. Fatal   b. Parse

    c. Syntax   d. Both b & c

17. When is the body tag used?
    a. After FORM tag   b. After Title Tag

    c. After EM tag   d. After HEAD tag

18. Which server to use in windows to start PHP?
    a. IIS   b. Apache

    c. Tomcat   d. MySQLi

19. A PHP script starts with ....and ends with...........
    a. <?phpand ?>   b. <php> and </php>

    c. <?php and /?php>   d. </php and />

20. Which of the following is the default file extension of PHP files?
    a. .php   b. .ph

    c. .xml   d. .html

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(Descriptive)

Time : 2 hr. 30 mins.   Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. How string is implemented in PHP? Explain the string functions used in php along with examples for each function.   10

2. What are the form elements used in HTML? Explain each element to design a webpage to display the registration form of a student.   5+5=10

3. How array is used in PHP? Write a program in PHP to input the name of the employees in an array and display the names in ascending order.   6+4=10

4. What is CSS? How it is implemented with HTML? Explain each type of CSS along with example for each.   2+2+6=10

5. What are the ways of implementing functions in Javascript? How the functions are called? Design a webpage to display the factorial of a number using function in javascript.   3+2+5=10

6. What is PHP Get and Post Method? Explain each of them with suitable examples.   6+4=10

7. How the database is connected with PHP? Mention the steps to connect with the database in php. Write the code to insert a record in Employee table.   3+3+4=10

8. Explain the ways of implementing Object oriented Programming with PHP. Write a program to define a class named 'Book' with its data members and member functions. Access the member functions using 2 objects of the book class.   5+5=10

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