Subject: - Web Based Application Development with PHP (22519)

Rajarshi Shahu Maharaj Polytechnic, Nashik

Udoji Maratha Boarding Campus, Near Pumping Station, Gangapur Road, Nashik-13.

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SYLLABUS

Chapter No.	Name of chapter	Marks With Option
1	Expressions and control statements in PHP	14
2	Arrays, Functions and Graphics	22
3	Apply Object Oriented Concept in PHP	24
4	Creating and validating forms	16
5	Database Operation	26
	Total Marks	102

BOARD THEORY PAPER PATTERN FOR WBP (22619)

Q.1		Attempt any FIVE 5*2=10			
	a)	Expressions and control statements in PHP			
	b)	Arrays, Functions and Graphics			
	c) Apply Object Oriented Concept in PHP				
	d)	Creating and validating forms			
	e)	Database Operation			
	f)	Expressions and controlstatements in PHP			
	g)	Database Operation			
Q.2		Attempt any THREE 3*4=12			
	a)	Expressions and control statements in PHP			
	b)	Arrays, Functions and Graphics			
	c)	Apply Object Oriented Concept in PHP			
	d)	Creating and validating forms			

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Q.3		Attempt any THREE	3*4=12
	a)	Database Operation	
	b)	Expressions and control	
	c)	Arrays, Functions and Graphics	
	d)	Form and Event Handling	
Q.4		Attempt any THREE	3*4=12
	a)	Arrays, Functions and Graphics	
	b)	Apply Object Oriented Concept in PHP	
	c)	Creating and validating forms	
	d)	Arrays, Functions and Graphics	
	e)	Arrays, Functions and Graphics	
Q.5		Attempt any TWO	2*6=12
	a)	Database Operation	
	b)	Apply Object Oriented Concept in PHP	
	c)	Database Operation	
Q.6		Attempt any TWO	2*6=12
	a)	Database Operation	
	b)	Apply Object Oriented Concept in PHP	
	c)	Apply Object Oriented Concept in PHP	

CLASS TEST - I

PAPER PATTERN

COURSE: - Web Based Application Development with PHP(22619)

PROGRAMME: - Computer Technology

Syllabus: -

Unit No.	Name of the Unit	Course Outcome (CO)
1	Expressions and control statements in PHP	CO-619.01
2	Arrays, Functions and Graphics	CO-619.02

			Course Outcome
Q.1	Attempt any FOUR	4*2=8Marks	(CO)
a)	Expressions and control statements in PI	HP	CO-619.01
b)	Arrays, Functions and Graphics		CO-619.02
c)	Expressions and control statements in PI	HP	CO-619.01
d)	Arrays, Functions and Graphics		CO-619.02
e)	Expressions and control statements in PI	HP	CO-619.01
f)	Arrays, Functions and Graphics		CO-619.02
Q.2	Attempt any THREE	3*4=12 Marks	
a)	Expressions and control statemen	ts in PHP	CO-619.01
b)	Expressions and control statement	ts in PHP	CO-619.01
c)	Arrays, Functions and Graphics		CO-619.02
d)	Arrays, Functions and Graphics		CO-619.02

CLASS TEST - II

PAPER PATTERN

COURSE: - Web Based Application Development with PHP(22619)

PROGRAMME: - Computer Technology

Syllabus: -

Unit No.	Name of the Unit	Course Outcome (CO)
3	Apply Object Oriented Concept in PHP	CO-619.03
4	Creating and validating forms	CO-619.04
5	Database Operation	CO-619.05

		Course Outcome
Q.1	Attempt any FOUR 4*2=8Marks	(CO)
a)	Apply Object Oriented Concept in PHP	CO-619.03
b)	Creating and validating forms	CO-619.04
c)	Database Operation	CO-619.05
d)	Apply Object Oriented Concept in PHP	CO-619.03
e)	Creating and validating forms	CO-619.04
f)	Database Operation	CO-619.05
Q.2	Attempt any THREE 3*4=12 Marks	
a)	Apply Object Oriented Concept in PHP	CO-619.03
b)	Creating and validating forms	CO-619.04
c)	Apply Object Oriented Concept in PHP	CO-619.03
d)	Creating and validating forms	CO-619.04

Prepared By: Prof. P. D. Boraste (Department of Computer Technology)

COURSE OUTCOME

(CO)

COURSE: - Web Based Application Development with PHP(22619)

PROGRAMME: - Computer Technology

CO. NO.	Course Outcome			
CO-619.1	Develop program using control statement.			
CO-619.2	Perform operations based on arrays and graphics.			
CO-619.3	Develop programs by applying various object oriented concepts.			
CO-619.4	Use form controls with validation to collect user's input.			
CO-619.5	Perform database operations in PHP.			

1. Expressions and control statements in

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PHP

Position in Question Paper

Total Marks-12

Q.1. a) 2-Marks.

Q.1. f) 2-Marks.

Q.2. a) 4-Marks.

Q.3. b) 4-Marks.

Descriptive Question

- 1. Which tag is used to define PHP code?
- 2. Write features of PHP.
- 3. "Whole PHP code (script) is case sensitive" Justify true or false.
- 4. Give difference between for each and for statement.
- 5. What are the two types of comment tags?
- 6. Example of static, local and, global variable. Explain it.
- 7. How can we use while. do. While & switch statement?
- 8. How we use else and elseif statement in PHP?
- 9. Why PHP is known as Scripting language?
- 10.Explain identical operator
- 11. Explain the bitwise operator with suitable example.
- 12. What is the difference between ++\$j and \$j++?
- 13. How do you convert one variable type to another (say, a string to a number)?
- 14. Difference between variables and constants in PHP.
- 15. Explain in detail about Control Structures in PHP.
- 16. Why var_dump() is preferable over print_r()?
- 17. What is type juggling?.
- 18. Write any 5 web server name.
- 19. Write a Script to construct the following pattern, using a nested for loop.

*

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- 20. Write a PHP script using nested for loop that creates a chess board .Use table width="270px" and take 30px as cell height and width.
- 21. Write PHP program to print factorial of number.
- 22. Write PHP program to print reverse of number.

MCQ Question

(Total number of Question=Marks*3=12*3=36)

Note: Correct answer is marked with **bold**.

1	PHP s	supports types of looping techni	ques	s?	
	a)	2	c)	4	
	b)	3	d)	5	
2	How	many main parameter are used in for	loop	9?	
	a)	2	c)	4	
	b)	3	d)	1	
3	do-wl	nile loop is an control loop?			
	a)	exit	c)	easy	
	b)	exist	d)	entry	
4	while	loop is an control loop?			
	a)	exit	c)	easy	
	b)	exist	d)	entry	
5	foreac	ch loop is used to iterate over?			
	a)	number	c)	function	
	b)	object	d)	array	
6	Whic	h loop evaluates the condition express	sion	as Boolean, if it is true, it executes	
	the statements and when it is false it will terminate?				
	a)	For loop	c)	do-while loop	
	b)	while loop	d)	All of the above	
7	What	will be the output of the following Pl	HP c	code?	



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```
<?php
for ($num = 1; $num <= 10; $num += 2) {
    echo "$num ";
}</pre>
```

a) 13579

c) 97531

b) 12345

- d) Error
- 8 What will be the output of the following PHP code?

```
<?php
$num = 20;

while ($num < 12) {
    $num += 2;
    echo $num, "\n";
}
?>
```

a) Error

c) infinite loop

b) No Output

- d) Only one garbage value
- 9 What will be the output of the following PHP code?

```
<?php
$num = 2;
do {
     $num += 2;
     echo $num, "\n";
} while ($num < 0);
?>
```

a) Error

c) infinite loop

b) No Output

- **d**) 4
- 10 How many different data types are available in php?
 - a) 6

c) 8

b) 7

- d) 9
- 11 How many compound data types are available in php?
 - a) 1

c) 3

b) 2

d) 4

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12	Which one is not a data type in PHP?		
	a) Resources	c)	Null
	b) Objects	d)	Void
13	The range of integers must lie between		?
	a) -2^15 to 2^15.	c)	-2^31 to 2^31.
	b) -2^16 to 2^16.	d)	-2^32 to 2^32.
14	How many value does Boolean data type	hold?	
	a) 1	c)	3
	b) 2	d)	4
15	Objects are defined as instances of user defined?	efined	l classes that can hold
	a) values	c)	both values and functions
	b) functions	d)	None of the above
16	Any variables declared in PHP must begin	n with	ı a?
	a) .	c)	&
	b) #	d)	\$
17	A variable can have?		
	a) long descriptive names	c)	Both A and B
	b) short names	d)	None of the above
18	A variable name can only contain		?
	a) alphanumeric characters	c)	Both A and B
	b) underscores	d)	None of the above
19	Variable names in PHP must start with ?		
	a) letter	c)	no numbers
	b) underscore	d)	All of the above
20	PHP variables are case-sensitive?		
	a) True	c)	For "sum" variable it is case-
		C)	sensitive
	b) False	d)	None of the above
21	How many variable scope are there in ph	?	
	a) 2	,	1
	b) 3	d)	
22	PHP supports types of looping techn	niques	s?
	a) 2	c)	
	b) 3	d)	5
23	How many main parameter are used in fo	r loop	?
	a) 2	c)	
	b) 3	d)	1
24	do-while loop is an control loop?		

सारक द्वान क्रिक दिला - स्टूलक तुक्क

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			Contract of the Contract of th	
_	a)	exit	c)	easy
	b)	exist	d)	entry
25	whi	le loop is an control loop?		
	a)	exit	c)	easy
	b)	exist	d)	entry
26		each loop is used to iterate over	_?	
	a)	number	c)	function
07	b)	object	d)	array
27		ich loop evaluates the condition expr statements and when it is false it wil		
	a)	For loop	c)	do-while loop
	b)	while loop	d)	All of the above
28	Hov	w many ways user can print output in	n PHP?	
	a)	1	c)	3
	b)	2	d)	4
29	prin	it statement can take argumen	t?	
	a)	1	/	
20	b)	2	d)	
30		w many return value does echo state		
	a)	1	c)	
21	b)	2		0
31		o statement is written under parenth	eses?	
	a)	True		
	b)	False		
	c)	Only for string it written under pare	enthese	S
	d)	Only for variable it written under p	arenthe	ses
32	Wh	ich statement is faster among echo a	nd prin	t?
	a)	echo	c)	echo and print has same speed
	b)	print	d)	None of the above
33	PHI	P Stands for?		
	,	PHP Hypertex Processor		PHP Hyper Markup Preprocessor
2.4		PHP Hyper Markup Processor	d)	PHP Hypertext Preprocessor
34		P is an example of scri	_	
		Server-side Client-side	c) d)	Browser-side In-side
35	,	no is known as the father of PHP?	u)	III-SIUC
55		Rasmus Lerdorf	c)	Drek Kolkevi
	4)	AMBILLAD LIVI UULL	\sim	~ 1011 1101110 11



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b) Willam Makepiece

- d) List Barely
- 36 Which of the following is not true?
 - a) PHP can be used to develop web applications.
 - b) PHP makes a website dynamic
 - c) PHP applications can not be compile
 - d) PHP can not be embedded into html.
- 37 PHP scripts are enclosed within _____
 - a) <php>...</php>

c) ?php . . . ?php

b) <?php . . . ?>

 $d) \quad <\!\!p\!\!> \ldots <\!\!/p\!\!>$

2. Arrays, Functions and Graphics

Position in Question Paper

Total Marks-16

- Q.1. b) 2-Marks.
- Q.2. b) 4-Marks.
- Q.3. c) 4-Marks.
- **Q.4.** a) 4-Marks
- **Q.4. d) 4-Marks**
- **Q.4.** e) 4-Marks

Descriptive Question

- 1. Explain any four math function available in PHP.
- 2. How will you create arrays in PHP?
- 3. Write notes on formatting strings with PHP. Describe about drawing anew image in PHP
- 4. Write the difference between built in function & user defined function.
- 5. Explain any four string manipulating function with example.
- 6. Explain exploding & imploding function example.
- 7. How to remove leading and trailing spaces of the strings?
- 8. How to traversing array with different ways?
- 9. How to search an element from array using built in function?
- 10. Write a short note sorting on array.
- 11. How to remove any element from array?
- 12. How will you find number of elements in array?
- 13.List string related function?
- 14. Explain any two. List date related functions. Explain any two.
- 15. Write a function that prompts the user for a color and uses what they

select to set the background color of the new webpage opened

16. Explain the scope of variable with the help of programming example

17. How to retrieve a position of desired word from the string

MCQ Question

(Total number of Question=Marks*3=16*3=48)

Note: Correct answer is marked with **bold**

- 1 How to define a function in PHP?
 - a) function {function body}
 - b) data type functionName(parameters) {function body}
 - c) functionName(parameters) {function body}
 - **d)** function functionName(parameters) {function body}
- 2 What will be the output of the following PHP code?

```
1.
        <?php
 2.
        function calc($price, $tax="")
 3.
 4.
           $total = $price + ($price * $tax);
 5.
           echo "$total";
 6.
        1
 7.
        calc(42);
 8.
        ?>
                                               42
   a) Error
                                           c)
   b) 0
                                           d) 84
3 Array values are keyed by _____ values (called indexed arrays) or using
        ___ values (called associative arrays). Of course, these key methods
   can be combined as well.
                                                String, Boolean
        Float, string
                                           c)
   a)
        Positive number, negative
                                           d)
   b)
        number
                                                Integer, string
4 What will the following script output?
        <?php
        \$array = array (1, 2, 3, 5, 8, 13, 21, 34, 55);
        sum = 0;
        for (\$i = 0; \$i < 5; \$i++) 
        sum += sarray[sarray[si]];
```

a)

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echo \$sum; ?> **78** NULL c) 5 b) 19 d)

5 What elements will the following script output?

<?php $\array = array (true => 'a', 1 => 'b');$ var_dump (\$array); ?>

1 = > 'b'a)

c) None

True => 'a', 1 => 'b' b)

- It will output NULL d)
- 6 Which array function checks if the specified key exists in the array
 - array_key_exist()

- array_keys_exists() c)
- array_key_exists() **b**)
- arrays key exists() d)
- There are three different kind of arrays:
 - Numeric array, String array, Multidimensional array
 - b) Numeric array, Associative array, Dimensional array
 - Numeric array, Associative array, Multidimensional array c)
 - Const array, Associative array, Multidimensional array d)
- 8 Absent any actual need for choosing one method over the other, does passing arrays by value to a read-only function reduce performance compared to passing them by reference?
 - Yes, because the interpreter must always create a copy of the array before passing it to the function.
 - Yes, but only if the function modifies the contents of the array. b)
 - Yes, but only if the array is large. c)
 - **d**) No.
- 9 Assume you would like to sort an array in ascending order by value while preserving key associations. Which of the following PHP sorting functions would you use?

ksort() a)

krsort() c)

asort()

- sort()
- 10 What function computes the difference of arrays?

array_diff a)

arrays_diff c)

diff_array b)

diff_arrays d)

What functions count elements in an array? 11

count **a**)

Array Count c)

Sizeof b)

d) Count array

12 What array will you get if you convert an object to an array?

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a)	An array with	properties	of that object as	the array's elements.
------------	---------------	------------	-------------------	-----------------------

- An array with properties of that array as the object's elements.
- c) An array with properties of that object as the Key elements.
- 1

		An array with keys of that object		<u> </u>		
13	Which of the following will not combine strings \$s1 and \$s2 into a single					
	strir	•				
		\$s1 + \$s2	,	\$s1.\$s2		
	,	"{\$s1}{\$s2}"		implode('', array(\$s1,\$s2))		
14		en a variable \$email containing th		-		
		ne following statements would ex		the string example.com?		
	a)	substr(\$email, strpos(\$email, "@	<i>v</i> "));			
	b)					
		strchr(\$email, "@");				
	d)					
15		en a comma-separated list of valu				
	•	given list can create an array of ea	ach in	dividual value with a single		
	call'					
	a)	*	c)	extract()		
	b)	Cannot be done with a single	d)	0		
	ĺ	function		explode()		
16		at is the best all-purpose way of c	_	_		
	a)	2		Using strcasecmp()		
1.7		Using the == operator		Using strcmp()		
17		function can be us	ed to	compare two strings using a		
		e-insensitive binary algorithm	`			
	a)	1 🗸		strcasecmp()		
10		stricmp()	d)	stristr()		
18		HP, the difference between double	-	0 1		
		ables in single quoted strings	s whe	reas they In double quoted		
	strin		a)			
	a) b)	are not parsed, are parsed are parsed, are not parsed	d)			
19	,	-	,	contain null bytas). Their size is		
17		strings are binary-safe (i.e. they		•		
		ted only by the amount of memor		is available to PHP.		
	a)	True	c)			
20	b)	False	d)			
20		t substr ('watch out for that tree',		,		
		at is the output of above statemen		waa		
	a)	tree	c)	ree		

b)

tree'

d)

none of above

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21	<pre>\$var = 'HELLO WORLD!';</pre>		
	<pre>\$var = ucfirst(\$var);</pre>		
	What is the value of var?		
	a) Hello World!	c)	Hello world!
	b) hello world!	d)	HELLO WORLD!
22	The functions strtolower() and strtoup	pper() work on individual characters
	and not on entire strings.		
	a) True	b)	False
23	For trim, ltrim or rtrim, whitespace is	defin	ned as
	a) newline	c)	both a and B
	b) space	d)	all of above
24	Heredoc's are a great alternative to qu	ioted	strings because of increased
	readability and maintainability.		6
	a) True	c)	
	b) False	d)	
25	Which of the below is most useful for	r deb	ugging:
	a) print()	c)	print_r()
	b) printf()	d)	echo
26			
	\$message = 'Hello, \$name';		
	What is the value of message?		
	a) Hello, John	c)	'Hello, \$name'
	b) it will print an error message	d)	none of above
27	, ,	appy	today?";
	echo str_word_count(\$str);		_
	a) 7	c)	5
20	b) 6	d)	4
28	Why trim() function is used in php?		4
	· •	,	to remove uppercase alphabet
29	b) to remove lowercase alphabet The gd Library is used creating and n	,	to remove underscore
29	a) Images	пашр с)	Arrays
	b) Network	d)	None of above
30	The ImageColorAllocate() function is	/	
50	a) Image Creation	c)	Color Match
	b) Color Allocation	d)	Color Reset
31	How many types of functions are ava	,	
	a) 5	c)	3
	b) 4	d)	2
32	Which of the following is not a built-	in fu	nction in php?



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	a) print_r()	<u>c)</u>	fclosed()
	b) fopen()	d)	gettype()
33	Why should we use functions?		
	a) Reusability	c)	Easily maintained
	b) Easier error detection	d)	All of the above
34	A function name always begins with	the k	eyword
	a) fun	c)	function
	b) def	d)	None of the above
35	A function name cannot start with a		
	a) alphabet	c)	number
	b) underscore	d)	Both C and B
36	A function name is not case-sensitive	e?	
	a) True	b)	False
37	How many types of array are availab	le in	php?
	a) 1	c)	3
	b) 2	d)	4
38	By default, the index of array in php	starts	from?
	a) 0	c)	-1
	b) 1	d)	2
39	A is an array with more th		
	a) single dimensional array	,	Both A and B
	b) multi dimensional array	,	None of the above
40	Which of the following are correct w	ays o	f creating an array?
	i) arr[0] = "letsfindcourse";		
	ii) \$arr[] = array("letsfindcourse	;");	
	iii) \$arr[0] = "letsfindcourse";	`	
	iv) \$arr = array("letsfindcourse"		0.1.1)
	a) ii), iii) and iv)	c)	÷ /
11	b) ii) and iii)	d)	,
41	Which in-built function will add a va		•
	a) array_unshift()	c)	inend_array()
12	b) into_array() Which function noturns on array cons	d)	array_push()
42	Which function returns an array cons		·
	a) count() b) array count()	c)	array_count_values()
12	b) array_count() In how many ways we can create stri	\mathbf{d}	count_values()
43	In how many ways we can create stri a) 1	ings ii c)	3
	a) 1 b) 2	d)	
44	Which type of string can processes s	,	
$\neg \neg$	villen type of suring can processes s	pecial	characters mistae quotes:

c)

Both A and B

single quote string

a)



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	b) double quote string	<u>d)</u>	None of the above
45	Which of the following is not a Built-	,	
	a) strlen()	c)	strpos()
	b) str_replace()	d)	•
46	Why trim() function is used in php?	u)	sureverse()
		c)	to remove uppercase alphabet
	b) to remove lowercase alphabet		
47	Which of the following is the output		
• •	php</td <td>01 011</td> <td></td>	01 011	
	echo strpos("Hello letsfindcourse	e!". "	lets"), " \n":
	?>	,	
	a) 4	c)	6
	b) 5	d)	
48	Which of the following is the output	of the	e below code?
	php</td <td></td> <td></td>		
	var_dump(strpos("Hello letsfind	cours	se!", "course"));
	?>		
	a) int(13)	c)	int(14)
	b) char(14)	d)	int(15)
49	Which is true about var_dump() func	tion?	
	a) var_dump() loops infinitely		
	b) var_dump() cuts off loop afetr g	getting	g same element two times
	c) var_dump() cuts off loop after	gett	ing the same element three
	times		
	d) var_dump() cuts off loop after g		
50	The function compares the	e two	strings s1 and s2, ignoring the
	case of the characters.		
	a) strtolower()		strcasecmp()
	b) toLowerCase()	,	lc()
51	Returns a string arguments with trilling	ng bla	ank space removed, is a behavior
	of	`	
	a) starts() function	c)	
 2	b) chop() function	d)	lc()
52	What is the output of the following p	np co	ode?
	php</td <td></td> <td></td>		
	\$username = "letsfindcourse";		
	if (preg_match("([^a-z])",\$use		
	echo "Name must be all lov	verca	se!;
	else	۵۱"۰	
	echo "Name is all lowercas	C: ,	



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- a) Error
- b) No Output

- c) Name must be all lowercase!
- d) Name is all lowercase!

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3. Apply Object Oriented Concept in PHP

Position in Question Paper

Total Marks-16

- Q.1. c) 2-Marks.
- **Q.2.** c) 4-Marks.
- Q.3. d) 4-Marks.
- Q.4. b) 4-Marks.
- Q.5. b) 6-Marks.
- Q.6. b) 6-Marks.
- Q.6. c) 6-Marks.

Descriptive Question

- 1. What is the purpose of \$this & extends?
- 2. What are serializable objects in PHP?
- 3. How to access properties and methods explain with example and also explain \$this variable?
- 4. How to declare and access properties of class.
- 5. List types of constructors. Explain any one with suitable example.
- 6. Define term constructor and destructor.
- 7. List types of inheritance. Explain any one with suitable example.
- 8. How multiple inheritance is achieved in PHP?
- 9. Explain method overloading concept in PHP with suitable example.
- 10. Explain method overriding concept in PHP with suitable example.
- 11.Explain types of overloading in PHP.
- 12.Explain magic methods in PHP
- 13.Describe final class and final method.
- 14. Explain cloning object in PHP.
- 15.Explain in detail the types of inheritance supports by PHP.

Prepared By: Prof. P. D. Boraste (Department of Computer Technology)

MCQ Question

(Total number of Question=Marks*3=16*3=48)

Note	e: Co	orrect answer is marked with bol	d	
1	A f	function in PHP which starts with	n (dou	ble underscore) is known as
	<u>a)</u>	Magic Function	c)	Default Function
	b)	Inbuilt Function	d)	User Defined Function
2	Wh	nich one of the following function	ns is used	to determine whether a class
	a)	exist ()	c)	class_exist()
	b)	exist_class()	d)	exist()
3		nich keyword allows class memb hout needing to instantiate a new		<u> </u>
	a)	protected	c)	static
	b)	final	d)	private
4	Wr	Method overloading ii) Multipl Inheritance iii) Namespaces iv) Object Cloning		res is/ are not supported by PHP? i)
	a)	All of the mentioned	c)	i) and ii)
	b)	None of the mentioned	d)	iii) and iv)
5		e practice of separating the user to ough well-known interfaces is kr		rue inner workings of an application
	a)	Polymorphism	c)	Encapsulation
	b)	Inheritance	d)	Abstraction
6	"ha	nich of the following term originations of the following multiple forms," defines Of tracteristics?		
	a)	Abstraction	c)	Inheritance
	b)	Polymorphism	d)	Differential
7	The	e practice of creating objects bas	ed on pre	defined classes is often referred to as
	a)	class creation	c)	object instantiation
	b)	object creation	d)	class instantiation
8	Wha)	nich one of the following propert friendly	_	is not supported by PHP? public

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	b)	final	d)	static
9		ich one of the following can be used	to in	stantiate an object in PHP assuming
		ss name to be Foo?		
	a)	· ·		\$obj = new foo ();
	b)	\$obj = new foo;	d)	obj = new foo ();
10	Wh	ich one of the following is the right v	vay t	o define a constant?
	a)	constant PI = "3.1415";	c)	constant PI = '3.1415';
	b)	const \$PI = "3.1415";	d)	const PI = '3.1415';
11		ich one of the following is the right v	vay t	o call a class constant, given that the
		ss is mathFunction?		
	,	echo PI;	c)	echo mathFunction::PI;
	•	echo mathFunction->PI;	d)	echo mathFunction=PI;
12	Wh	ich one of the following is the right v	•	
	a)	<pre>\$object->methodName();</pre>	c)	object::methodName();
	b)	object->methodName();	d)	<pre>\$object::methodName();</pre>
13	Wh	ich method scope prevents a method	from	being overridden by a subclass?
	a)	Abstract	c)	Final
	b)	Protected	d)	Static
14	Wh	ich of the following statements is/are	true	about Constructors in PHP?
		i) PHP 4 introduced class constructor	rs.	
		ii) Constructors can accept parameter	ers.	
		iii) Constructors can call class method	ods o	r other functions.
		iv) Class constructors can call on oth	ner co	onstructors.
	a)	ii)	c)	i), ii), iii) and iv)
	b)	ii) and iii)	d)	ii), iii) and iv)
15	PH	P recognizes constructors by the nam	e	
	a)	classname()	c)	function _construct()
	b)	_construct()	d)	functionconstruct()
16	Wh	ich version of PHP introduced the in	stanc	eof keyword?
	a)	PHP 4	c)	PHP 5.3
	b)	PHP 5	d)	PHP 6
17	Wh	ich one of the following functions is	used	to determine whether a class exists?
	a)	exist()	c)	class_exist()
	b)	exist_class()	d)	exist()

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18	Wh	ich one of the following functions is	used	to determine object type?	
	a)	obj_type()	c)	is_a()	
	b)	type()	d)	is_obj()	
19		ich one of the following keyword is	used	to inherit our subclass into a	
	_	erclass?			
	a)	extends	c)	inherit	
	b)	implements	d)	include	
20	Wh	ich keyword is used to refer to prope	rties	or methods within the class itself?	
	a)	private	c)	protected	
	b)	public	d)	\$this	
21		ich keyword allows class members (a hout needing to instantiate a new inst			
	a)	protected	c)	static	
	b)	final	d)	private	
22	Wh	ich of the following advanced OOP t	featu	res is/are not supported by PHP?	
		i) Method overloading			
		ii) Multiple Inheritance			
		iii) Namespaces			
		iv) Object Cloning			
	a)	i)	c)	i) and ii)	
	b)	ii)	d)	iii) and iv)	
23	Wh	ich version of PHP introduced the ad	lvanc	ed concepts of OOP?	
	a)	PHP 4	c)	PHP 5.3	
	b)	PHP 5	d)	PHP 6	
24	Wh	ich one of the following is the right v	way t	o clone an object?	
	a)	_clone(targetObject);			
	b)	destinationObject = clone targetO	-		
	c)	destinationObject = _clone(targetO	-		
	d)	destinationObject = clone(targetOb)			
25	The	e class from which the child class inh	erits	is called	
		i) Child class			
		ii) Parent class			
		iii) Super class			
		iv) Base class			
	a)	Only i)	c)	Only iii)	

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	b)	ii), iii) and iv)	d)	ii) and iv)
26	Wh	ich of the following is/are true for a	n abst	ract class?
		i) Abstract classes in PHP are decla	red w	with the help of abstract keywor
		ii) A class is declare abstract by usi	ng the	e keyword implements.
		iii) It is a class that really isn't supp serves as a base class.	osed	to ever be instantiated but instead
		iv) Attempting to instantiate an abs	tract o	class results in an error.
	a)	Only i)	c)	ii) and iv)
	b)	Only iii)	d)	ii), iii) and iv)
27		one intends to create a model that will atted objects, which class must be use		ssumed by a number of closely
	a)	Normal class	c)	Abstract class
	b)	Static class	d)	Interface
28	,		,	umber of sources you must use a/an
	a)	· ·	c)	Abstract class
	b)	Object	d)	Static class
29	Wh	ich method is used to tweak an obje	ct's c	loning behavior?
	a)	clone()	c)	_clone
	b)	,	d)	object_clone()
30		ich feature allows us to call more the gle instruction?	an on	
	a)	Typecasting	c)	Method adding
	b)	Method Including	d)	Method chaining
31	Wh	ich magic method is used to implem	ent o	_
		call		wakeup
	b)	invoke	d)	unset
32	Ob	jects are also known as		
		reference	c)	class
	b)	template	d)	instances
33	•	ject are created using keyword	?	
	a)	create	c)	new
	b)	object	d)	None of the above
34		nember function typically accesses r	,	

c) next

a)

current



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	b)	previous	d)	All of the above
35	Con	structor is also called function		
	a)	find	c)	automatic
	b)	key	d)	magic
36	PHI	Precognizes constructors by the name	e.	
	a)	classname()	c)	function _construct()
	b)	_construct()	d)	functionconstruct()
37	Wh	ich one of the following functions is	used	to determine object type?
	a)	obj_type()	c)	is_a ()
		type()	d)	is_obj()
38		ich one of the following can be used	to ins	stantiate an object in PHP assuming
		s name to be LFC?	a)	\$abi = naw I EC ().
		\$obj = new \$LFC; \$obj = new LFC;		\$obj = new LFC (); obj = new LFC ();
39		-	u)	obj – new LPC (),
3)	Cla	sses are the of objects.	c)	reference
		type blueprints	d)	instances
40	Cla	ss is a programmer-defined data type.	/	
10		variable?	, *****	includes methods and
	a)	local, global	c)	global, local
	b)	global, global	d)	local, local
41	Wh	at will be the syntax of defining the c	lass?)
	a)	class lfc ()	c)	class lfc {}
	b)	class lfc []	d)	lfc class{}
42	We	define our own class by starting with	the	keyword?
	a)	class	c)	auto
	b)	function	d)	var
43	Wh	ich one of the following functions is	used	to determine whether a class exists?
	a)	exist()	c)	class_exist()
	b)	exist_class()	d)	exist()
44	Wh	ich keyword is used to refer to proper	rties	or methods within the class itself?
	a)	Private	c)	Protected
	b)	public	d)	this
45		ich one of the following is the right w	vay to	o call a class constant, given that the
		s is mathFunction?		
	a)	echo mathFunction->PI;	c)	echo mathFunction::PI;

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	b)	echo PI;	d)	echo mathFunction=PI;
46	The	e class from which the child class inhe	erits	is called
		(i) Child class		
		(ii) Parent class		
		(iii) Super class		
		(iv) Base class		
	a)	Only (i)	c)	Only (iii)
	b)	(ii), (iii) and (iv)	d)	(ii) and (iv)
47	PH	P recognises constructors by the name	e	
		_construct	c)	constructor
		construct	d)	_constructor
48		constructors, it is important to r	emei	mber that you have to call the parent
		structor explicitly.	,	
	a)	Singleton	c)	public
40	b)	secure	d)	subclass
49		nstructor and destructor methods have		
		ey cannot be called explicitly and cor ess specifier.	isequ	dentity their decrarations need no
	acc	ess specifici.		
			c)	return value
	a)	parameters	c) d)	return value
50	a)b)	parameters destructor	d)	aproval
50	a) b) You	parameters	d) on't	aproval have any relation to the instantiated
50	a) b) You	parameters destructor u can invoke class constructors that de	d) on't	aproval have any relation to the instantiated the class name like
50	a) b) You obj	parameters destructor u can invoke class constructors that deect by simply prefacing _constructor	d) on't with c)	aproval have any relation to the instantiated the class name like
50 51	a)b)Youobjea)b)	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct()	d) on't with c) d)	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct()
	a)b)Youobjea)b)	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct()	d) on't with c) d) ntiat	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only
	a)b)Youobjea)b)	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be insta	d) on't with c) d) ntiat	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only
51	 a) b) You obje a) b) have a) b) 	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate one object per class in an app Constructor, Singleton Singleton, Constructor	d) on't with c) d) ntiate clicat c) d)	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader
	 a) b) You obje a) have a) b) Eve 	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate one object per class in an app Constructor, Singleton Singleton, Constructor en if you don't delete the object yours	d) on't with c) d) ntiate blicat c) d) elf u	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader using , PHP still calls the
51	a) b) Yor obj a) b) hav a) b) Eve	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate one object per class in an app Constructor, Singleton Singleton, Constructor en if you don't delete the object yours tructor when it determines that the object	d) on't with c) d) ntiat olicat c) d) elf u ject	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader sing , PHP still calls the is no longer use
51	a) b) Yor obji a) b) hav a) b) Eve des a)	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate one object per class in an app Constructor, Singleton Singleton, Constructor en if you don't delete the object yours tructor when it determines that the ob- destructor	d) on't with c) d) ntiat clicat c) elf u ject c)	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader sing , PHP still calls the is no longer use rem()
51 52	 a) b) You objing a) b) Even des a) b) 	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate one object per class in an app Constructor, Singleton Singleton, Constructor en if you don't delete the object yours tructor when it determines that the ob- destructor del()	d) on't with c) d) ntiat clicat c) elf u ject c) d)	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader sing , PHP still calls the is no longer use rem() unset()
51	a) b) You obj a) b) hav a) b) Eve des a) b) seri	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate to one object per class in an app Constructor, Singleton Singleton, Constructor en if you don't delete the object yours tructor when it determines that the ob- destructor del() falize () function takes a value of any	d) on't with c) d) ntiate blicat c) d) elf u ject c) d) type	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader sing , PHP still calls the is no longer use rem() unset() e and then
51 52	a) b) Yor obje a) b) have a) b) Eve des a) b) seria	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate one object per class in an app Constructor, Singleton Singleton, Constructor en if you don't delete the object yours tructor when it determines that the ob- destructor del() falize () function takes a value of any Decodes the value in integer form	d) on't with c) d) ntiatolicat c) d) elf u ject c) d) type c)	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader sing , PHP still calls the is no longer use rem() unset() e and then Changes the value into characters
51 52	 a) b) Yor obje a) b) Eve des a) b) seria a) b) 	parameters destructor u can invoke class constructors that de ect by simply prefacing _constructor classname::construct() classname:construct() is a class which can only be instate to one object per class in an app Constructor, Singleton Singleton, Constructor en if you don't delete the object yours tructor when it determines that the ob- destructor del() falize () function takes a value of any	d) on't with c) d) ntiate clicat c) elf u ject c) d) type c) d)	aproval have any relation to the instantiated the class name like classname=>construct() classname->construct() ed once. You can effectively only tion. Singleton, Singleton Loader, Loader using , PHP still calls the is no longer use rem() unset() e and then Changes the value into characters None of them



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	a)	sleep()	c)	wakeup ()
	b)	alive ()	d)	None of them
55	For	changing the string again into the or	igina	l value which function is used
	a)	overloading ()	c)	serialize ()
	b)	overriding ()	d)	unserialize ()
56	The	sleep () function is called when	/ou	
	a)	serialize an object	c)	Share an object
	b)	unserialize an object	d)	Choose an object
57	For	inding the data in the object is valid	and o	consistent across the instance
	whic	ch function is used		
	a)	sleep()	c)	test ()
	b)	wakeup ()	d)	selfT est ()
58	get_	class () function returns the name o	f clas	ss from where
	a)	A function belongs to	c)	A constructor belongs to
	b)	An object belongs to	d)	All of them
59	Whi	ch function returns TRUE if the stri	ng ar	gument is the name of a class?
	a)	get_class ()	c)	class_exists
	b)	exist_class ()	d)	None of them

4. Creating and validating form

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Position in Question Paper

Total Marks-16

Q.1. d) 2-Marks.

Q.2. d) 4-Marks.

Q.4. c) 4-Marks.

Descriptive Question

- 1. Explain self-processing forms in PHP with example
- 2. Write a PHP program that demonstrate form element (input elements).
- 3. Write a PHP program that demonstrates passing data using GET method.
- 4. Write a PHP program that demonstrates passing data using POSTethod.
- 5. How does the form information get from the browser to the server?
- 6. What is the difference between get and post methods?
- 7. How does PHP handle forms with multiple selections?
- 8. What is the difference between Session and Cook ie?
- 9. How can we destroy the cookie?
- 10. What is the use of session_start()?
- 11. How to register a variable in PHP session? How to validate user input PHP? Explain
- 12. Write a program to create a session, to set a value in session, and to remove data from a session.
- 13. Write a PHP code to find greatest of two numbers? Accept numbers from users
- 14.Create Customer form like Customer name, Address, mobile no, item purchase, Amount using different form input element & display user inserted values in new PHP

Prepared By: Prof. P. D. Boraste (Department of Computer Technology)

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form

- 15.Create Employee form like Employee name, Address, Mobile no, Dateof birth, Post & Salary using different form input element & display user inserted values in same PHP form
- 16.A simple calculator web application that takes 2 numbers and an operator (+,-,*,/,%) from an HTML page and returns the result page with the operation performed on the operands.
- 17. Write a program that demonstrates use of cookies.
- 18. Write a PHP program that demonstrates use of session
- 19. Write a simple PHP program to check that emails are valid.
- 20. Explain the superglobals PHP
- 21. Define session and cookies
- 22. Define cookies. What is the need of it?
- 23. Define Cookie. How to create & delete it How can we retrieve a Cookie value?

MCQ Question

(Total number of Question=Marks*3=8*3=24)

Note: Correct answer is marked with **bold**

- 1 Which one of the following is the very first task executed by a session enabled page?
 - a) Delete the previous session
 - b) Start a new session
 - c) Check whether a valid session exists
 - d) Handle the session
- 2 How many ways can a session data be stored?

a) 3

c) 5

b) 4

d) 6

Which directive determines how the session information will be stored?

क्रम दिवा अस्म स्कार

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	a)	save_data	c)	session.save_data				
	b)	session.save	d)	session.save_handler				
4	Which one of the following is the default PHP session name?							
	a)	PHPSESSID	c)	PHPSESSIONID				
	b)	PHPSESID	d)	PHPIDSESS				
5	If so	ession.use_cookie is set to 0, this re	sults in us	e of				
	a)	Session	c)	URL rewriting				
	b)	Cookie	d)	Nothing happens				
6	If th	ne directive session.cookie_lifetime	is set to 3	6600, the cookie will live until				
	a)	3600 sec	c)	3600 hrs				
	b)	3600 min	d)	the browser is restarted				
7		glecting to set which of the followin	_					
	beii	ng set to the host name of the server	which ge	enerated it.				
	a)	session.domain	c)	session.cookie_path				
	b)	session.path	d)	session.cookie_domain				
8		at is the default number of seconds ilable before the new pages are created as the contract of		ed session pages are made				
		360	c)	3600				
	b)	180	d)	1800				
9	Wh	at is the default time(in seconds) for	r which se	ession data is considered valid?				
		1800	c)	1440				
	b)	3600	d)	1540				
10	Wh	ich one of the following function is	used to st	art a session?				
	a)	start_session()	c)	session_begin()				
	b)	session_start()	d)	begin_session()				
11	Wh	ich function is used to erase all sess	ion variat	oles stored in the current session?				
	a)	session_destroy()	c)	session_remove()				
	b)	session_change()	d)	session_unset()				
12	Wh	at will the function session_id() retu	ırn is no p	parameter is passed?				
	a)	Current Session Identification N	lumber					
	b)	Previous Session Identification Nu	ımber					
	c)	Last Session Identification Number	er					
	d)	Error						
13	Wh	ich one of the following statements	should yo	ou use to set the session username				

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	a)	\$SESSION['username'] = "Nachi";						
	b)	<pre>\$_SESSION['username'] = "Nachi";</pre>						
	c)	e) session_start("nachi");						
	d)	d) \$SESSION_START["username"] = "Nachi";						
14		at will be the output of the following PH	P co	de? (Say your previous session				
	username was nachi.)							
		1. unset(\$_SESSION['username']);						
		2. printf("Username now set to: %s",						
		\$_SESSION['username']);						
		Username now set to: nachi	c)	Username now set to:				
	b)	Username now set to: System	d)	Error				
15		attacker somehow obtains an unsuspecting	_	•				
	_	personate the user in order to gain potenti	ally	sensitive information. This attack				
		nown as	(د	acceion biicale				
	a)	session-fixation	c)	J				
1.0	b)	session-fixing	d)	session-copy				
16		ich parameter determines whether the ole session ID is regenerated?	d ses	ssion file will also be deleted when				
	a)	delete_old_file	c)	delete_old_session_file				
	b)	delete_old_session	d)	delete_session_file				
17	Wh	ich function effectively deletes all sessio	ns tł	nat have expired?				
	a)	session_delete()	c)	session_garbage_collect()				
	b)	session_destroy()	d)	SessionHandler::gc				
Which function is used to transform PHP's session-handler behavior into that				on-handler behavior into that				
		ined by your custom handler?						
	a)	session_set_save()	c)	Session_handler()				
	b)	session_set_save_handler()	d)	session_save_handler()				
19	The	e session_start() function must appear						
	a)	after the html tag	c)	before the body tag				
	b)	after the body tag	d)	before the html tag				
20	Wh	at is the return type of session_set_save_	hand	_				
	a)	boolean	c)	float				
	b)	integer	d)	character				
21	,	ich of the following can be used to get da	,					
	?							
	a)	\$_REQUEST	c)	\$_POST				

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_						
	b) \$_GET	d)	None of these			
22	Which one of the following function is					
	used to send an e-mail using PHP script?					
	a) Mail()	c)	mail_send()			
	b) send_mail()	d)	None of these			
23	Which two predefined variables are used	to retrie	eve information from forms?			
	a) \$GET & \$SET	c)	\$GET & \$SET			
	b)	d)	GET & SET			
24	The attack which involves the insertion of	f malici	ious code into a page frequented			
	by other users is known as					
	a) basic sql injection	c)	cross-site scripting			
	b) advanced sql injection	d)	scripting			
25	When you use the \$_GET variable to coll-	ect data	a, the data is visible to			
	2	-)				
	a) none	c)	everyone			
26	b) only you	d)	selected few			
26	When you use the \$_POST variable to collect data, the data is visible to					
	a) none	c)	everyone			
	b) only you	d)	selected few			
27						
21	Which variable is used to collect form data sent with both the GET and POST methods?					
	a) \$BOTH	c)	\$REQUEST			
	b) \$ BOTH	d)	\$_REQUEST			
28	Which one of the following should not be	,	<u> </u>			
	sensitive information?		<i>U</i> 1			
	a) GET	c)	REQUEST			
	b) POST	d)	NEXT			
29	Which function is used to remove all HTM	ML tags	s from a string passed to a form?			
	a) remove_tags()	c)	tags_strip()			
	b) strip_tags()	d)	tags_remove()			
30	To validate an email address, which flag i	is to be	passed to the function			
	filter_var()?		-			
	a) FILTER_VALIDATE_EMAIL	c)	VALIDATE_EMAIL			
	b) FILTER_VALIDATE_MAIL	d)	VALIDATE_MAIL			
31	How many validation filters like FILTER	_VALI	DATE_EMAIL are currently			
	available?					

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	a)	5	c)	7
	b)	6	d)	8
32	A s	pecial kind of a file that is located in file	esyste	em of your browser and can be
	rea	d and write from web server, is calls as		
	a)	Session	c)	Script
	b)	Cookies	d)	All of them
33	Usi	ing \$_SESSION, \$HTTP_SESSION_V	ARS f	functions can be dangerous, so that
	•	ı can use		
		session_destroy()		set ()
		session_unset ()	d)	None of them
34		PHP, cookies are set by using the		
	a)	setcookie () function	c)	cookie_set () function
	b)	set () function	d)	None of them
35	WW	w-authenticate mechanism works only	under	the
	a)	Apache web server	c)	ISS servers
	b)	CGI servers	d)	PWS servers
36	Wh	nat kind of session will maintain its iden	tity as	s long as user stays within a site?
	a)	Cookie based session	c)	Session
	b)	Variable based session	d)	None of them
37		period of time during which a particular articular machine is called as	perso	n, views a number of web pages at
	_	Session	c)	Parsing
	,	Cookies	d)	None of them
38	,	function that takes no argument s and ref	,	
		responding to a particular session		1 ,
	a)	session_name ()	c)	session_id ()
	b)	session_params ()	d)	id ()
39	Na	me, value, expire, patrh, httponly, doma	in, se	cure all of these are arguments of
	a)	session () function	c)	reset_cookie () function
	b)	setcookie () function	d)	None of them
40	Co	okies were originally designed for		
	a)	Client side programming		
	b)	Server side programming		
	c)	Both Client side programming and Ser	rver s	ide programming
	d)	Socket programming		r - 0
41		e Cookie manipulation is done using wh	ich n	coperty?

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	a)	cookie	c)	manipulate
	b)	cookies	d)	manipulate cookie
42	Wh	ich of the following explains Cookies na	ture	?
	a)	Non Volatile	c)	Intransient
	b)	Volatile	d)	Transient
43	Wh	ich attribute is used to extend the lifetime	e of	a cookie?
	a)	Higher-age	c)	Max-age
	b)	Increase-age	d)	Lifetime
44	Wh	ich of the following defines the Cookie v	isibi	ility?
	a)	Document Path	c)	SessionStorage
	b)	LocalStorage	d)	All of the mentioned
45	Wh	ich of the following can be used to confi	gure	the scope of the Cookie visibility?
	a)	Path	c)	Both Path and Domain
	b)	Domain	d)	Server
46	Wh	ich one of the following is the very first	task	executed by a session enabled
	pag	e?		
	a)	Delete the previous session		
	b)	Start a new session		
	c)	Check whether a valid session exists		
	d)	Handle the session		
47	Hov	w many ways can a session data be stored	d?	
	a)	3	c)	5
	b)	4	d)	6
48	Wh	ich directive determines how the session	info	ormation will be stored?
	a)	save_data	c)	session.save_data
	b)	session.save	d)	session.save_handler
49	Wh	ich one of the following is the default PH	HP se	ession name?
	a)	PHPSESSID	c)	PHPSESSIONID
	b)	PHPSESID	d)	PHPIDSESS
50	If se	ession.use_cookie is set to 0, this results	in us	se of
	a)	Session	c)	URL rewriting
	b)	Cookie	d)	Nothing happens
51	If th	ne directive session.cookie_lifetime is se	t to 3	3600, the cookie will live until
	a)	3600 sec	c)	3600 hrs
	b)	3600 min	d)	the browser is restarted



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52	-	glecting to set which of the following cooning set to the host name of the server which		
	a)	session.domain	c)	session.cookie_path
	b)	session.path	d)	session.cookie_domain
53	Wh	at is the default number of seconds that c	ache	ed session pages are made
	ava	ilable before the new pages are created?		
	a)	360	c)	3600
	b)	180	d)	1800
54	Wh	at is the default time(in seconds) for which	ch se	ession data is considered valid?
	a)	1800	c)	1440
	b)	3600	d)	1540
55	Wh	ich one of the following function is used	to st	art a session?
	a)	start_session()	c)	session_begin()
	b)	session_start()	d)	begin_session()

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5. Database Operation

Position in Question Paper

Total Marks-14

Q.1. e) 2-Marks.

Q.1. g) 2-Marks.

Q.3. a) 4-Marks.

Q.5. a) 6-Marks.

Q.5. c) 6-Marks.

Q.6. a) 6-Marks.

Descriptive Question

- 1. What is the purpose of the semicolon in MySQL queries?
- 2. Explain field types of MySQL.
- 3. Which command would you use to view the available databases ortables?
- 4. How can you view the structure of a table?
- 5. How do you connect to a MySQL database using mysqli?
- 6. How do you connect mysql database with PHP?
- 7. How do you submit a query to MySQL using mysqli?
- 8. How can you retrieve a string containing an error message when amysqli error occurs?
- 9. How can you determine the number of rows returned by a mysqli query?
- 10. How can you retrieve a particular row of data from a set of mysqliresults?
- 11. What negative effects can happen if you do not close the objects created by mysqli methods?
- 12. List types of MySQL databases.
- 13. Write the PHP code for fetching the data from a database to webpage?
- 14. What is difference between mysql_fetch_object and mysql_fetch_array
- 15. Explain mysql_num_rows and mysql_selectdb command

Prepared By: Prof. P. D. Boraste (Department of Computer Technology)

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- 16. Write use of mysql _fetch row() a n m ysqlfetch_array() command
- 17. Explain mysql_fetch_array()function.
- 18. Write a PHP Script to display all the records of students (Name, Address, Class, Semester) from MySQL table std_info in table format.
- 19. Explain use of query string with example in PHP.
- 20. Write a PHP script to insert one record in student registration table (roll_no, name, city, mobile no) in MySQL database.
- 21. Write a PHP script to read Account information for customer name, account no,account_type, branch_name, city, amount from Account table and display all this information in table format on output screen. Account table is in MySQL database.
- 22. Describe mysql_connect() function of MySQL database using PHP.
- 23. Write PHP script to select records in table of MySQL database
- 24. Write PHP script to update record in table of MySQL database.
- 25. Write PHP script to delete records in table of MySQL database
- 26. List storage engine in MySQL. Explain any one.

MCQ Question

(Total number of Question=Marks*3=14*3=42)

Note: Correct answer is marked with **bold**

	. Co	if cet answer is marked with bold		
1	Which of the following method can be used to close a MySql database using PHP?			
	a)	mysql_connect()	c)	mysql_close()
	b)	mysql_query()	d)	None of the above
2	Wh	ich one of the following databases has	s PH	P supported almost since the beginning?
	a)	Oracle Database	c)	SQL+
	b)	SQL	d)	MySQL
3	The	updated MySQL extension released	with	PHP 5 is typically referred to as
	a)	MySQL	c)	mysqli
	b)	mysql	d)	Mysqly
		111 y 5 41		

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$\overline{4}$	Which one of the following	lines need to be u	ncommented or added in the php.ini file
	so as to enable mysqli exter	nsion?	2 2
	a) extension=php_mysq	li.dll c)	extension=php_mysqli.dl
	· ·	*	extension=mysqli.dl
5	In which version of PHP w	as MySQL Native	Driver(also known as mysqln
	introduced?		
	a) PHP 5.0		PHP 5.2
	b) PHP 5.1	d)	PHP 5.3
6	Which one of the following		
	a) CREATE TABLE tal		
	b) CREATE table_name		
	c) CREATE table_name		• -
	d) CREATE TABLE tabl		• -
7	Which one of the following		· -
	a) mysqli = new mysqli()		\$mysqli->new.mysqli()
0	b) \$mysqli = new mysqli		
8			used to select the database?
	a) \$mysqli=select_db('da		
	b) mysqli=select_db('data	abasename');	
	c) mysqli->select_db('dat	abasename');	
	d) \$mysqli->select_db('d	databasename');	
9	Which one of the following	methods can be us	sed to diagnose and display information
	about a MySQL connection	error?	
	a) connect_errno()		mysqli_connect_errno()
	b) connect_error()		mysqli_connect_error()
10		error code generate	d from the execution of the last MySQL
	function?	`	
	a) errno()		errorno()
1 1	b) errnumber()	d)	errornumber()
11	If there is no error, then wh		
	a) TRUE	•	Empty String
10	b) FALSE	d)	
12	Which one of the following		
	a) #include 'filename';	·	@include 'filename';
13	b) include 'filename'; Which one of the following	*	#include <filename>;</filename>
13	database?	, memous is respon	sible for sending the query to the
	a) query()	c)	sendquery()
	b) send_query()	<i>'</i>	mysqli_query()
14		•	tes any memory consumed by a result
4 T	,, men one of the following	, memous recupera	tes any memory consumed by a result

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j	RSM	POLY Affiliated to MSBTE Mumbai, Approved by AI	CTE N	lew Delhi, DTE Mumbai & Govt. of Maharashtra, Mumbai.
	set?			
		destroy()		alloc()
		mysqli_free_result()	d)	free()
15			res	ult sets using both associative and indexed
		ays?		
		get_array() and get_row()		
		get_array() and get_column()		
		fetch_array() and fetch_row()		
		mysqli_fetch_array(), mysqli_fetch		
16				retrieve the number of rows affected by
		INSERT, UPDATE, or DELETE query		
	,	num_rows()		changed_rows()
. –		affected_rows()		mysqli_affected_rows()
17		ich version of MySQL introduced the		
	,	MySQL 4.0	,	MySQL 4.2
10		MySQL 4.1		MySQL 4.3
18			o ex	ecute the statement after the parameters
		e been bound?		
		bind_param()		bound_param()
10	,	bind_result()		bound_result()
19		ich one of the following methods is us	ed t	o recuperating prepared statements
		ources?	,	1. 1. ()
	,	end()		mysqli_close()
30		finish()	d)	**
20			e pr	epared statement result and assigns the
		ds to the bound results?	`	6 4 1 0
	,	get_row()	,	~
) 1		fetch_row()	d)	mysqli_fetch_row()
21		ich method rolls back the present trans		
	a)	commit()	c)	mysqli_rollback()
2	b)	undo()	d)	rollback()
22		ich of the following DBMSs do not ha		
	a)	MySQL	,	Microsoft SQL Server
23	b)	IBM DB/2	d)	None of the above
43		nsactions are used to treat sets of SQL True		invalid
	a)			No
24	b)	False Lis not case sensitive SELECT is the	,	
∠ +	\mathbf{a}	L is not case sensitive. SELECT is the True		invalid
	aı	1146	\cup	m v and

d) No

25 Which of the following is not an SQL aggregate function?

False

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		AVG	c)	MAX
	,	SUM	d)	CURRENT_DATE()
26	,	does the DESC keyword do in the fe	,	
		ELECT *	0110	ing quary.
		ROM MY_TABLE		
		VHERE ID > 0		
	C	ORDER BY ID, NAME DESC		
		t causes the dataset returned by the c	quer	y to be sorted in descending order
				orted by NAME in descending order
		t causes rows to be sorted by NAME		·
	1	t causes rows with the same ID to be		-
27		statement is used to delete a		·
		DROP TABLE	c)	DEL TABLE
	,	DELETE TABLE	d)	REMOVE TABLE
28	What	will happen at the end of the follow	ing s	sequence of SQL commands?
	В	BEGIN TRANSACTION		
	Γ	ELETE FROM MYTABLE WHER	EII	D=1
	Γ	DELETE FROM OTHERTABLE		
	R	COLLBACK TRANSACTION		
	a) 7	The contents of OTHERTABLE will	be o	deleted
	b) 7	The database will remain unchanged	to a	ll users except the one that executes these
	q	ueries.		
	-	The database will remain unchang		
	,	The contents of both OTHERTABLE		
29		he to delete the data inside		
	,	DROP TABLE	- /	TRUNCATE TABLE
20		DELETE TABLE		REMOVE TABLE
30		IP in order to access MySQL databas		
	a) r	mysqlconnect() function	c)	mysql_connect() function
21		mysql-connect() function		•
31				mmand to revoke privileges from users.
	,	REVOKE	,	GRANT
22		COMMIT		ROLLBACK
32	-	ySQL, use the data type for var		_
	,	CHAR	c)	VARCHAR
	h) D	or OB	٩)	TEVT

33 In order to use the ROLLBACK commands in MySQL, you need to change the value for _____ to 0. c) ROLLBACK a) COMMIT

b) AUTOCOMMIT

d) NONE

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$3\overline{4}$	In MySQL, dates have the form						
	a) A.MM-DD-YYYY	c)	B. DD-MM-YYYY				
	b) C.YYYY-MM-DD	d)	D. YYYY-DD-MM				
35	Which SQL statement is used to insert a new data in a database?						
	a) INSERT INTO	c)	UPDATE				
	b) ADD	d)	INSERT NEW				
36	You use the clause to list data in	a spe	cific order.				
	a) GROUP BY	c)	B. SORT BY				
	b) ORDER BY	d)	D. HAVING				
37		mmar	nd that does not contain a WHERE clause?				
	a) Single row will be deleted						
	b) First row will be deleted						
	c) Last row will be deleted						
	d) All rows will be deleted from the	table.					
38	Which of the following commands lists	all th	e privileges granted to a user?				
	a) SHOW PRIVILEGES	c)	SHOW GRANTS				
	b) SHOW REVOKE	d)	NONE				
39	A SELECT command without a WHER	E cla	use returns?				
	a) All the records from a table that match the previous WHERE clause						
	b) All the records from a table, or in	form	ation about all the records				
	c) SELECT is invalid without a WHE	RE cl	ause				
	d) Nothing						
40	Which of the following is the correct SQL statement to use to remove rows from a						
	table?						
	a) DROP	c)	REMOVE				
	b) DELETE	,	All of the above				
41	Which mysql function is used to select of	databa	ase and execute query at a time?				
	a) mysql_select_db()	c)	mysql_query()				
	b) mysql_db_query()	d)	mysql_result()				
42	How to create a new database?						
	a) create database Name	c)	describe database name				
	b) creative database name	d)	None of the above				
43							
	a) create database	c)	drop database				
4.4	b) delete database	d)	alter database				
44	How many types in database type categories						
	a) Three	c)	four				
4 ~	b) five	d)	six				
45	Which are database type categories?						



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a) Date & time

c) numeric

b) string

d) All above

46 Which format display mysql data values?

a) yyyy-dd-mm

c) dd-mm-yyyy

b) mm-dd-yyyy

d) yyyy-mm-dd