iii. Write a program to connect to a MySql database, insert a new   **5**
record in students table.
Note: Table structure is give below.

Database Name : medicaps
User Id : usr1
Password : pass

Table Name : students

Column Name	Datatype
student_id	Int
student_name	String
Fee_status	String (only two values : paid or due)
Class	String

Table 1

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Enrollment No....................................

Faculty of Science / Engineering
End Sem Examination May-2024
CA3SE06 PHP Programming
Programme: BCA / BCA-MCA (Integrated)   Branch/Specialisation: Computer Application

Duration: 3 Hrs.   **Maximum Marks: 60**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

Q.1 i.   Which of the looping statements is/are supported by PHP?   **1**
    I.   For loop
    II. While loop
    III. Do-while loop
    IV. Foreach loop
    (a) I, and II   (b) I, II and III
    (c) I, II, III and IV   (d) Only IV

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

iii. Who is the father of PHP?   **1**
    (a) Rasmus Lerdorf   (b) Willam Makepiece
    (c) Drek Kolkevi   (d) List Barely

iv. What will be the output of the following PHP code?   **1**

```php
<?php
function calc($price, $tax="")
{
    $total = $price + ($price * $tax);
    echo "$total";
}
calc(42);
?>
```

    (a) Error   (b) 0   (c) 42   (d) 84

P.T.O.

v.
```php
<?php
   function a()
   {
      function b()
      {
         echo 'I am b';
      }
      echo 'I am a';
   }
   a();
?>
```
1

(a) I am a   (b) I am bI am a

(c) Error   (d) I am a Error

vi.   The practice of separating the user from the true inner workings of   1
an application through well-known interfaces is known as _____.

(a) Polymorphism   (b) Inheritance

(c) Encapsulation   (d) Abstraction

vii.   Which one of the following databases has PHP supported almost   1
since the beginning?

(a) Oracle Database   (b) SQL

(c) SQL+   (d) MySQL

viii. Which one of the following statements instantiates the mysqli   1
class?

(a) mysqli = new mysqli();

(b) $mysqli = new mysqli();

(c) $mysqli->new.mysqli();

(d) mysqli->new.mysqli();

ix.   Which two predefined variables are used to retrieve information   1
from forms?

(a) $GET & $SET   (b) $_GET & $_SET

(c) $__GET & $__SET   (d) GET & SET

x.   Which variable is used to collect form data sent with both the   1
GET and POST methods?

(a) $BOTH

(b) $_BOTH

(c) $REQUEST

(d) $_REQUEST

Q.2   Attempt any two:

i.   Explain datatypes in PHP with example.   5

ii.   Explain the following –   5

(a) Introduction to PHP   (b) Data types in PHP

(c) Operators in PHP

iii.   Create a script that contains at least five different variables.   5
Populate them with values of different data types and use the
gettype() function to print each type to the browser.

Q.3   i.   Write programs to display working of –   2

(a) If – else   (b) switch case

ii.   Explain three array related functions.   3

iii.   Explain types of arrays in PHP, with example.   5

OR   iv.   Explain any five functions related to date and time in PHP.   5

Q.4   i.   Explain advantages of functions.   2

ii.   Explain call by value and call by reference in PHP functions.   3

iii.   Explain any five string functions with example.   5

OR   iv.   Explain the following: 5

(a) Built in functions   (b) Function with parameters

(c) Function with default value

Q.5   i.   Explain include() and require() functions.   4

ii.   Explain difference between $_GET and $_POST methods.   6

OR   iii. Write a PHP program that read data from html form and display it.   6
The HTML form must have:

(a) A textbox   (b) A dropdown box

(c) Three radio button   (d) Three check box.

Note: The program must display values from above form
components.

Q.6   Attempt any two:

i.   Explain methods to handle errors in PHP while connecting to   5
database.

ii.   Write a program to connect to a MySql database, display all   5
students with "fee_status" = "due" in students table.

Note: Refer Table structure given in Table 1.

Marking Scheme
PHP Programming (T) - CA3SE06 (T)

Q.1	i)	C - i), ii), iii) and iv)	**1**
	ii)	D - 5	**1**
	iii)	A - Rasmus Lerdorf	**1**
	iv)	C - 42	**1**
	v)	A - I am a	**1**
	vi)	d – Abstraction	**1**
	vii)	D - MySql	**1**
	viii)	B - $mysqli = new mysqli();	**1**
	ix)	1 Mark may be awarded	**1**
	x)	D - $_REQUEST	**1**

Q.2	i.	Five points -	(1 Mark *5)
	ii.	a. Introduction to PHP –	2 Marks
		b.Data types in php	1.5 Mark
		c. Operator–	1.5 Mark
	iii.	5 differences data type–	(1 Mark *5)

Q.3	i.	2 programs –	(1 Mark *2)
	ii.	3 points –	(1 Mark *3)
	iii.	3 Types –	3 Marks
		Example –	2 Marks
	iv.	5 points –	(1 Mark *5)

Q.4	i.	3 points –	2 Marks
	ii.	Explanation –	2 Marks
		example program –	1 mark
	iii.	5 points – 1 mark each	
	iv.	a. Built in functions.	1 Mark
		b. Function with parameters.	2 Marks
		c. Function with default value.	2 Marks

Q.5	i.	include() -	2 Marks
		require() -	2 Marks
	ii.	6 points –	(1 Mark*6)
OR	iii.	PHP program with output –	6 Marks

Q.6	i.	Methods with examples –	5 Marks
	ii.	PHP program with output –	5 Marks
	iii.	PHP program with output –	5 Marks

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