Name: Enrolment No:	UPES UNIVERSITY OF TOMORROW

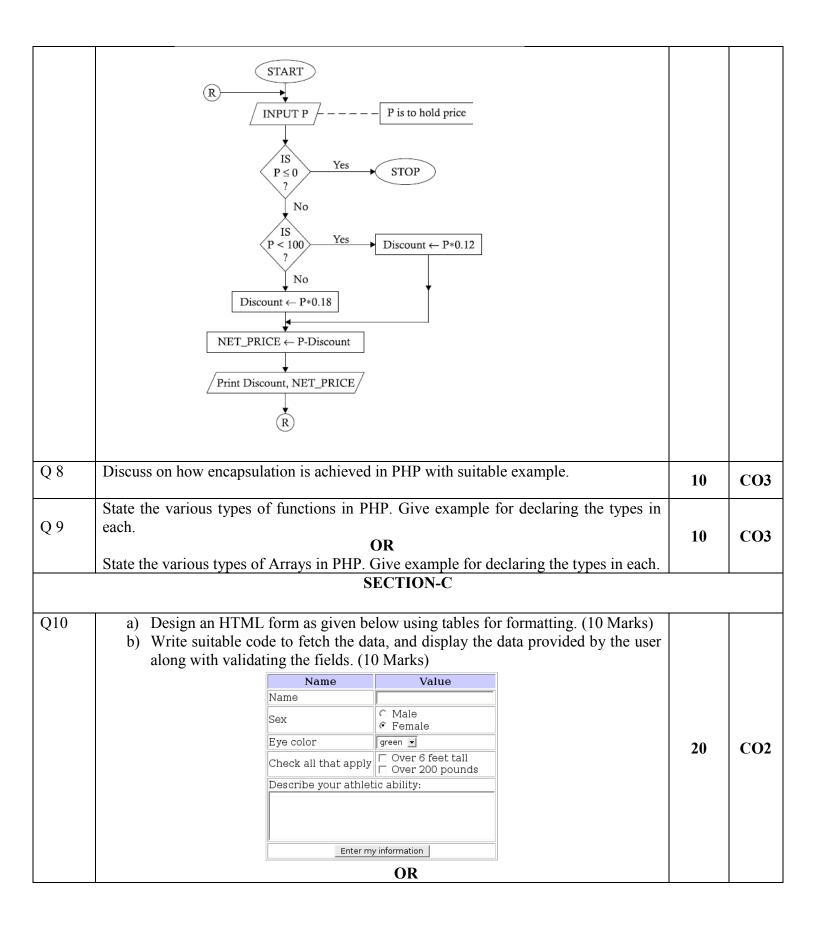**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**
End Semester Examination, December 2022

Course : Web Technologies through PHP   Semester: I
Program: MCA   Time : 03 hrs.
Course Code: CSEG 7009   Max. Marks: 100
Instructions:
All the questions are compulsory.
Write down the Serial Number of the question before attempting it.

SECTION A			
S. No.		**Marks**	
Q 1	Design an HTML form as given below. < ┌Details────────────────────────────┐ Student Name: [_____] MCA Subjects: [_____] ┌Enter Your Hobbies────────────────┐ ☐ Sports ☐ Reading ☐ Surfing ☐ Playing	4	CO1
Q2	Differentiate GET and POST methods in passing arguments.	4	CO2
Q3	Define Indexed Array in PHP. Give an example to demonstrate it.	4	CO2
Q4	List any four string functions in PHP with its purpose and an example.	4	CO3
Q5	Specify the purpose and the parameter that are passed in the mysqli_connect() method. Give an example for the same.	4	CO4
SECTION B			
Q 6	Discuss the three ways of adding CSS into an HTML document. Explain with suitable examples.	10	CO1
Q 7	a) List the various Looping Structures in Java Script with the syntax.(5 Marks) b) Implement the below given flowchart using JavaScript.(5 Marks)	10	CO1

Q 8	Discuss on how encapsulation is achieved in PHP with suitable example.	**10**	**CO3**
Q 9	State the various types of functions in PHP. Give example for declaring the types in each. **OR** State the various types of Arrays in PHP. Give example for declaring the types in each.	**10**	**CO3**
	SECTION-C		
Q10	a) Design an HTML form as given below using tables for formatting. (10 Marks) b) Write suitable code to fetch the data, and display the data provided by the user along with validating the fields. (10 Marks) **OR**	**20**	**CO2**

	a) Describe the various looping structures in PHP with its syntax and illustrate its working with flowchart and example.(10 Marks). b) Write a script to Make an Electricity Bill Calculator in PHP using the **conditional statements** with the following conditions specified below by getting the units consumed in an form control. • For the first 50 units – Rs. 3.50/unit • For next 100 units – Rs. 4.00/unit • For next 100 units – Rs. 5.20/unit • For units above 250 – Rs. 6.50/unit		
Q11	Explain the steps for designing & creating your web database project with suitable example for accessing MYSQL database from web with PHP.	**20**	**CO4**