NAVRACHANA UNIVERSITY
a UGC recognized University

School:	School of Engineering and Technology
Program/s:	B. Tech, Computer Science and Engineering Department
Year: 3rd	**Semester:** 5th
Examination:	End Semester Examination
Examination year:	December - 2021

Course Code: CS343	**Course Name:** Advance Web Technology		
Date: 07/12/2021		**Total Marks:**	40
Time: 11:30 am to 01:30 pm		**Total Pages:**	02

Instructions:

➔ *Write each answer on a new page.*

➔ *Use of a calculator is permitted/not permitted.*

➔ ** COs=Course Outcome mapping. # BTL=Bloom's Taxonomy Level mapping*

Q. No.	Details	Marks	COs*	BTL#
Q.1	**Attempt all Objectives**	**10**		
1.	Which of the following is the correct syntax to write a PHP code? a) <?php ?> b) < php > c) < ? php ?> d) <? ?>		CO1,	BT1, BT2

2.	Which of the following is the correct way of defining a variable in PHP?
	a) $variable name = value;
	b) $variable_name = value;
	c) $variable_name = value
	d) $variable name as value;
			CO1 CO2	BT2, BT3

3.	What will be the output of the following PHP code snippet?
	        <?php
	        $url = "Elective@csedepartment.com";
	        echo ltrim(strstr($url, "@"),"@");
	        ?>
	a) Elective@csedepartment.com
	b) Elective
	c) Elective@
	d) csedepartment.com
			CO2, CO3	BT1, BT2, BT3

4.	Dynamic schema in MongoDB makes _____ easier for applications. a) polymorphism b) inheritance c) encapsulation d) D. None of the mentioned		CO1, CO2 CO3	BT1, BT2
5.	NoSQL databases is used mainly for handling large volumes of _____ data. a) structured b) semi-structured c) unstructured d) all of the mentioned		CO2, CO3	BT2 BT3
6.	In MongoDB _____ operations modify the data of a single collection. a) CRUD b) GRID c) READ d) All of the mentioned		CO2, CO3	BT1, BT2, BT3

7.	Which of the following syntax is correct for applying multiple filters in AngularJS? a) {{ expression | filter1 | filter2 | ... }} b) {{ expression | {filter1} | {filter2} | ... }} c) {{ expression - {filter1} - {filter2} - ... }} d) {{ {filter1} | {filter2} | ...-expression}}		CO1, CO2	BT1, BT2

8.	What will be the output for the following code?
	`<div ng-app="""" ng-init=""points=[1,15,19,2,40]"">`
	`<p>The output is {{ points[2] }}</p>`
	`</div>`
	a) 1
	b) 15
	c) 19
	d) 2
			CO1
			CO2
			CO3
				BT3,
				BT4,
				BT5

9.	Which of the following is used to share data between controller and view in AngularJS? a) using Model b) using services c) using factory d) using $scope		CO1	BT1, BT2
10.	In which of the following areas, Node.js is perfect to use? a) I/O bound Applications b) Data Streaming Applications c) Data Intensive Real Time Applications DIRT d) All of the above.		CO2, CO3, CO4	BT1, BT2, BT3
Q.2	**Attempt all Questions**	**05**		
1.	What is the difference between "echo" and "print" in PHP?		CO1, CO2	BT4, BT5
2.	Write down the syntax for create cookies in PHP?		CO1	BT4
3.	What is CAP theorem in NoSQL?		CO5	BT1, BT2
4.	What is Scope in AngularJS?		CO5	BT4, BT5 BT6
5.	Explain Pass by reference using any example.		CO2 CO3	BT4, BT5, BT6
Q.3	**Attempt any 5 Questions**	**25**		
1.	What is Session in PHP? How to start a session and Destroying the session in PHP explain with an example?		CO1, CO2, CO3	BT1, BT2
2.	Explain Object Oriented Programming Principles in PHP with example.		CO1, CO2, CO3	BT1, BT3
3.	Explain the MVC Architecture of Angular JS with Diagram. Mention the benefits and applications of Angular JS.		CO5	BT2, BT3
4.	What is Directives in Angular JS? How many types of directives are there in AngularJS? Explain any two with an example.		CO3 CO4	BT1 BT2
5.	*What is Controller in Angular JS? How to create the Controllers in Angular JS explain with an example?*		CO4	BT2 BT3
6.	Mention the types of No SQL Database? Explain any two with any example.		CO4 CO5	BT4, BT5,
7.	What is the Process Model in Node Js Explain with diagram.		CO4, CO5	BT1, BT2

***********End of Question Paper***********