

Nirma University

Institute of Technology

Sessional Examination, April 2023

B. Tech. in Computer Science & Engineering, Semester - VI

2CSDE69 LAMP TECHNOLOGY

Roll/
Exam No.

Supervisor's initial with
date

Time: 1 Hour 15 Minutes

Max.Marks: 35

Instructions:

1. Attempt all questions & use appropriate indentations in code.
2. Figures to right indicate full marks.
3. Draw neat sketches wherever necessary.
4. Assume suitable data wherever required and mention those.
5. Ensure you write optimized code.

Q-1. Discuss different ways to access global variable in the function. Discuss [10]
CO 1 get_class_methods() and list() functions with sample code snippet.
BL 2

Q-2. **Write PHP code as per scenario given below:** [10]
CO 3 Create a class SearchDisplayArticle. The class SearchDisplayArticle has
BL 3 following members:

- String strval - which is used to store string value.
- Parameterized constructor - which is used to initialize the value of strval variable.
- void DisplayArticle() - which will display the article (a, an, the) details from strval variable as mentioned below:

Article Count_of_each_article

Sample example:

strval: "Department of Computer Science and Engineering was established in 1997 and since then is the most sought-after Department of the Institute. The BTech programme is accredited by the National Board of Accreditation (NBA) under Tier-I category."

Article Count_of_each_article

a	0
an	0
the	4

Create the object of SearchDisplayArticle class, call constructor which will initialize the strval variable and call DisplayArticle() method.

Q-3. Write down PHP code to design Vehicle Service Registration Page which [15]
 CO 3 contains following fields:
 BL 3

Sr. No.	Field name	PHP Validations, Necessary conditions
1.	Vehicle Registration Number	<ul style="list-style-type: none"> Required field validation Validation: Only accept alphabets, digits, blank space
2.	Name of owner	<ul style="list-style-type: none"> Required field validation Validation: Length of name must be less than 80 characters
3.	Date	Required field validation
4.	Address	-
5.	State	<ul style="list-style-type: none"> Required field validation Condition: Use select tag
6.	Mobile number	Validation: Length of the mobile number must be 10 digits
7.	Vehicle service components	Condition: Use multiple checkbox tags. Use different values like: Basic service, oil, oil filters, wheel rotating and balancing.
8.	Approximate bill amount	-
9.	Submit button	-

Implement PHP validations and necessary conditions as mentioned in the above table for respective fields. Repopulate all the form fields which is entered by the user in case of wrong input otherwise display the entered data on the same page. Use POST method for form submission.

***** Best of Luck *****