

1. Design HTML form, accept Student Name, Age, and Mobile No. from user. Using JavaScript validate for following,

- a) Student Name should not be empty.
- b) Student age must be between 1 to 20. [10]

2. Write a script to create XML file ‘University.xml’ .The elements details of ‘University.xml’

are as follows:

```
<Univ>
<Uname>-----</Uname>
<City>-----</City>
<Rank>-----</Rank>
</Univ>
```

- a) Store the details of at least 3 Universities.
- b) Link the ‘University.xml’ file to CSS and get well formatted output as given below.

i) Uname :

Color: black;  
Font-family: copperplate Gothic Light;  
Font-size: 16 pt.  
Font: Bold;

ii) City and Rank

Color: Yellow;  
Font-family: Arial;  
Font-size: 12 pt.  
Font: Bold;

[20]

3. Project report viva.No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip 1—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Design a HTML form to accept a string. Write a PHP script for the following.
  - a) Write a function to count the total number of Vowels from the string.
  - b) Show the occurrences of each Vowel from the string.

[10]

2. Write a PHP program to read a directory name and extension form user.

Display the files with specified extension form that directory.

[20]

3. Project report viva.No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip 2—

T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)

CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project

Duration: 3 Hours

Maximum Marks: 80

---

1. Write a PHP script, which will return the following component of the URL  
'<http://www.example.com/php-example/index.php>'

List of component: Scheme, Host, Path

**Excepted o/p**

Scheme: http

Host: www.example.com

Path: /php-example/index.php

[10]

2. Write a PHP script to read 'Book.xml' file and print specific content of a file using DOMDocument Parser. 'Book.xml' file should contain following information with at least 5 records with values.

BookInfo

Book No., Book Name, Author Name, Price, Year

**[Note:** Examiners can change the Book info file to Student info, Teacher info]

[20]

3. Project report viva.No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip 3—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a JavaScript that accept a string form user. Pass this string as parameter to a function name ‘check\_vowel’ on button click event and return the count of the number of vowels within the string.

[10]

2. Write a PHP program to create a Class Calculator which will accept two values from user and pass as an argument through parameterized constructor and do the following task

- a) Add them
- b) Subtract them
- c) Multiply them together or divide them on request.

[20]

3. Project report viva.No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip 4—

Duration: 3 Hours

Maximum Marks: 80

---

1. Write a PHP script to display following information using superglobal variable.

- a) Client IP Address.
- b) Browser detection/information.
- c) To check whether the page is called from 'https' or 'http'.

[10]

2. Write a script to create XML file as 'Employee.xml'. The element of this xmlfile are as follows.

```
<Empdetails>
<Employee Empno= Empname= >
<Salary>-----</Salary>
<Designation>-----</Designation>
</Employee>
</Empdetails>
```

Stores the details of at least 3 employee.

Write a PHP script to read 'Employee.xml' file contains (Empno, Empname, Salary, Designation) and print employee details in tabular format.

(Use Simple XML)

[Note: Examiners can change xml file and give relevant data.]

[20]

3. Project report viva. No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip 5

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II &  
Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a JavaScript function to accept FirstName and LastName from user.  
Display users entered information.  
[Hint: use alert and prompt dialogbox]

[10]

2. Write a PHP script for the following.

Design a form to accept the details of 5 different items such as Item code, Item Name, unit sold, and Rate.

Display the Bill in tabular format. Use only 4 textboxes. [Use explode]

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip 6--

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a menu driven program to perform various file operations. Accept filename from user.
  - a) Display type of file.
  - b) Delete a file.

[10]

2. Write a PHP script to generate an XML in the following format in php.

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
```

```
<BookStore>
```

```
<Books>
```

```
<PHP>
```

```
<Title>Programming in PHP </Title>
```

```
<Publication>O'RELLY</Publication>
```

```
</PHP>
```

```
<PHP>
```

```
<Title> Beginners PHP </Title>
```

```
<Publication>WROX</Publication>
```

```
</PHP>
```

```
</Books>
```

```
</BookStore>
```

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

Duration: 3 Hours

Maximum Marks: 80

---

1. Write a menu driven program to perform the following operations on an associative array
  - a. Reverse the order of each element's key-value pair.
  - b. Traverse the element in an array in random order.

[10]

2. Write a PHP script to accept username and password. If in the first three chances, username and password entered is correct then display second form with 'welcome message' otherwise display error message. [Use Session]

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip8—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**  
**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Create a HTML form that accept user email. Write a PHP program to check whether user email address contain @ symbol or not. Display proper message.

[10]

2. Consider the following entities and their relationship.

Student ( stud\_id, name, class)

Competition ( c\_no, c\_name, type)

Relationship between student and competition is many-many with attributes *rank* and *year*.

Create a RDB in 3NF for above and solve the following.

Using above database write a script in PHP to accept a competition name from user and display information of student who has secured 1<sup>st</sup> rank in that competition.

[Use PostgreSQL]

[20]

- |   |      |
|---|------|
| 3. Project report viva. No Demo on machine (By External)            | [20] |
| 4. Networking Assignments (By Internal)                             | [10] |
| 5. Lab Book (Semester I and II) (By Internal)                       | [10] |
| 6. Final Demo of Project before practical examination (By Internal) | [10] |

--Slip9—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a Javascript to accept email address from user and count number of @ occurrences and number of Dot(.) occurrences.

[10]

2. Write a PHP script to create a Class Shape and its subclass Triangle, Square and Circle and display area of the selected shape.(Use the concept of Inheritance)

Display menu (use radio button)

a)Triangle

b)Square

c)Circle

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip10—

**Savitribai Phule Pune University**  
**T.Y.B.Sc.(Computer Science) Practical Examination, March / October**  
**(2013 Pattern)**  
**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP script to design a form to accept email from user and validate email address using regular expression.

[10]

- 2 Consider the following entities and their relationship.

Emp ( e\_no, ename, address, phone, salary)

Dept ( d\_no, dname, location)

Emp-Dept related with many-one relationship.

Create a RDB in 3NF for above and solve the following.

Using above database write a script in PHP which will

- a) Insert Employee records and Department records into respective tables.
- b) Print a salary statement in the format given below, for a given Department.  
[Hint: Create a HTML form to accept Department name from user]

Maximum Salary	Minimum Salary	Sum Salary

[Use PostgreSQL] [20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip 11--

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP script to keep track of number of times the web page has been accessed.

[Use Session]

[10]

2. Write a menu driven program to perform the following stack related operations.

i) Insert an element in stack.

ii) Delete an element from stack.

iii) Display the content of stack.

[Hint: Use array\_push(), array\_pop()]

[20]

3. Project report viva. No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip12--

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1 Write a PHP script to check how many times the web page access.

[Use cookies]

[10]

2 Consider the following entities and their relationship.

Doctor ( doc\_no, dname, address ,city ,area)

Hospital ( hosp\_no, hname, hcity)

Doctor-Hospital related with many-one relationship.

Create a RDB in 3NF for above and solve the following.

Using above database write a script in PHP to print the Doctor visiting to the Hospital in tabular format. Accept Hospital name from user [Use PostgreSQL]

[20]

- |   |      |
|---|------|
| 3. Project report viva. No Demo on machine (By External)            | [20] |
| 4. Networking Assignments (By Internal)                             | [10] |
| 5. Lab Book (Semester I and II) (By Internal)                       | [10] |
| 6. Final Demo of Project before practical examination (By Internal) | [10] |

--Slip13—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I, Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Define an array. Find the element from the array that matches the given values using appropriate search function.

[10]

2. Write a AJAX program to read contact.dat file and print the content of a file in a Tabular form when the user clicks on Print button.

Contact.dat file contain srno, name, residence number, mobile number, context/relation.

[Enter at least 3 records in contact.dat file]

[Note: Examiner may change the contact.dat to emp.dat, dept.dat and provide proper structure of the file]

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip14—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a JavaScript function to accept FirstName and LastName from user.

Display users entered information.

[Hint: use alert and prompt dialogbox]

[10]

2. Write a PHP program to define Interface Shape which has two method as area() and volume(). Define a constant PI.

Create a class Cylinder which implement this interface and calculate area and volume.

[20]

3. Project report viva. No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip15--

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS - 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a JavaScript function to display Clock in the textbox.

[10]

2. Write a PHP program to read Flat file ‘student.dat’ that has students details as rollno,name,m1,m2,m3 as marks of 3 subjects. Display the data from the file in tabular format. Also display total and percentage of each student.

[20]

3. Project report viva. No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip16--

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP script for the following.

Design a form to accept a string and check whether the given string is palindrome or not. [ use built-in function.]

[10]

2. Write a AJAX program to print Teacher information from PostgreSQL table Teacher.

Teacher ( Tno, Name, Subject, Research area).

[Note: Examiner can change PostgreSQL table]

[20]

- |   |      |
|---|------|
| 3. Project report viva. No Demo on machine (By External)            | [20] |
| 4. Networking Assignments (By Internal)                             | [10] |
| 5. Lab Book (Semester I and II) (By Internal)                       | [10] |
| 6. Final Demo of Project before practical examination (By Internal) | [10] |

--Slip17—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a menu driven program to perfrom the following operations on an associative array.

- a) Display the elements os an array along with key.
- b) Display the size of an array.

[10]

2. Write a PHP script to accept Employee details ( Eno, Ename, Address ) on first page.On second page accept earning (Basic, DA, HRA ).On third page print Employee information (Eno, Ename, Address, Basic, DA, HRA,Total)  
[Hint: Use Session]

[20]

3. Project report viva. No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip18—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP script to design a form to accept email from user and validate email address using regular expression.

[10]

2. Write a PHP script for the following:

- a) Design a form to accept two numbers from the users.
- b) Give option to choose an arithmetic operation (use Radio Button).
- c) Display the result on next form.
- d) Use concept of default parameter

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip19—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP Script to accept Customer Name from user and do the following
  - a) Transform Customer Name all Upper case letter.
  - b) Make First character to Upper case.

[10]

2. Write a AJAX program to search Student name according to the character typed and display list using array.

[20]

3. Project report viva. No Demo on machine (By External) [20]

4. Networking Assignments (By Internal) [10]

5. Lab Book (Semester I and II) (By Internal) [10]

6. Final Demo of Project before practical examination (By Internal) [10]

--Slip20--

**Savitribai Phule Pune University**  
**T.Y.B.Sc.(Computer Science) Practical Examination, March / October**  
**(2013 Pattern)**  
**CS-349 Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP script to accept the number from user and write a function to calculate the factorial of a given number (non-negative integer).The function accept the number as argument. [10]
2. Write a PHP script to change the preferences of your web page like font style, font size, font color, background color using cookie.

Display selected settings on next web page and actual implementation (with new settings)on third page.

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip21—

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**  
**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP program to read two file names from user and append content of first file into second file.

[10]

2. Write PHP script to design a form to accept two strings (one smaller than other) from the user. Find whether the smaller string appear at the start of the larger string. Provide textbox to accept the string that will replace all occurrences of smaller string present in larger string.

[20]

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip22--

**Savitribai Phule Pune University**  
**T.Y.B.Sc.(Computer Science) Practical Examination, March / October**  
**(2013 Pattern)**  
**CS - 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a PHP script to check how many times the web page access.  
[Use cookies] [10]
2. Write a PHP script to design a form to compose/write an email with following details.

To

[20]

Subject

Message

**Send Mail**

3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

**Savitribai Phule Pune University**

**T.Y.B.Sc.(Computer Science) Practical Examination, March / October  
(2013 Pattern)**

**CS – 349Lab Course-III Internet Programming-I,Internet Programming-II & Project**

**Duration: 3 Hours**

**Maximum Marks: 80**

---

1. Write a JavaScript function to display Clock in the textbox. [10]
2. Write a PHP program to read Flat file ‘student.dat’ that has students details as rollno,name,m1,m2,m3 as marks of 3 subjects. Display the data from the file in tabular format. Also display total and percentage of each student. [20]
3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

Duration: 3 Hours

Maximum Marks: 80

---

1. Declare a multi dimensional array. Display specific element from a multi dimensional array. Also delete given element from the multi dimensional array. (After each operation display array contents). [10]
2. Write AJAX program to print movie details by selecting an Actor's name. Create tables **Movie** and **Actor** with 1:M cardinality as follows:  
Movie ( mno, mname, release\_year)  
Actor ( ano, aname)  
[use PostgreSQL] [20]
3. Project report viva. No Demo on machine (By External) [20]
4. Networking Assignments (By Internal) [10]
5. Lab Book (Semester I and II) (By Internal) [10]
6. Final Demo of Project before practical examination (By Internal) [10]

--Slip25—