

**SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN**  
**(AUTONOMOUS)**  
**(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC) Chromepet,**  
**Chennai — 600 044.**  
**M.Sc. END SEMESTER EXAMINATION APRIL/NOV - 2021**  
**SEMESTER - I**  
**20PCSCT1003 - Advanced Web Designing**

<b>Total Duration : 3 Hrs</b>	<b>Total Marks : 75</b>
MCQ : 30 Mins	MCQ : 15
Descriptive : 2 Hrs.30 Mins	Descriptive : 60

Section B

Answer any **SIX** questions ( $6 \times 5 = 30$  Marks)

1. Explain about Bootstrap framework.
2. Discuss about the layout components in Bootstrap.
3. Illustrate the importance of backing up and restoring data in MySQL.
4. Elaborate on Bootstrap CSS.
5. Show the importance of form validation in PHP with a sample program.
6. With an example program explain array handling in PHP.
7. Explain the use of PHP filters with appropriate examples.
8. Discuss about functions in PHP.

Section C

Part A

Answer any **TWO** questions ( $2 \times 10 = 20$  Marks)

9. Examine the working of cookies by writing a program to create & retrieve a cookie in PHP.
10. Evaluate the flow of a Session by writing a program to create a session, get and set session variables in PHP.
11. Justify the importance of PHP XML using a simple PHP XML Parser.
12. Write a program in PHP to store & retrieve username, password in MySQL database.

Part B

Compulsory question ( $1 \times 10 = 10$  Marks)

13. Ascertain the significance of PHP AJAX. Write a program in PHP to demonstrate how a web page can communicate with a web server.