

No. of Printed Pages : 4 **BCSL-057(Set-I)**

**BACHELOR OF COMPUTER
APPLICATIONS (BCA) (REVISED)**
Term-End Practical Examination
June, 2025

BCSL-057(Set-I) : WEB PROGRAMMING LAB

Time : 1 Hour *Maximum Marks : 50*

Note : (i) There is one compulsory question in this paper of 40 marks. Rest 10 marks are for viva-voce.

(ii) You may use any IDE, web server or database backend to demonstrate the web application.

1. Design and implement a website/web application for a company consisting of three web pages. Each of these web pages should have the following layout :

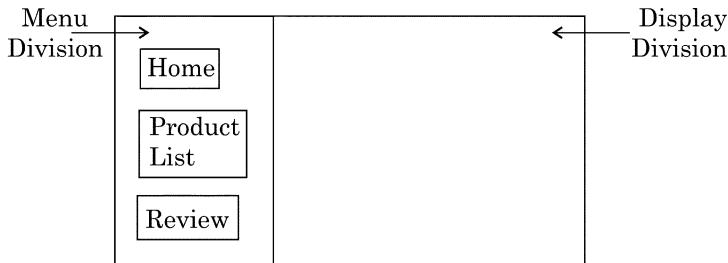


Figure 1 : Layout of Web pages

The links of the “Menu Division” are as follows :

Home It is a link to Home page of the application.

Product List It is a link to a page which displays the list of products of the company. This page should be created by using JSP and a database.

Review It is a link to a page which allows user to submit their review.

The “Display Division” of the three pages are described below :

- The Home page should display the name of the company : “XYZ Groceries”

and a welcome message for the customers. It should also display the address, phone number of the company. 6

(b) Create a database ‘Product’ consisting of one relation only Product_List (ProductID, P_Name, Price). Enter at least 5 records in this table. Write a JSP program that connects to the database and executes a query. The result of the query should be displayed by JSP in the “Display Division” in the following format : 18

Product Code	Name	Price (in INR)
A01	Salt	20
A02	Sugar	50
.	.	.
.	.	.
.	.	.

(c) The Review page should display the following form in the “Display Division” : 6

(You need not write the code for processing or verification of form) :

Review	
Product Code	<input type="text"/>
Date of Purchase	<input type="text"/>
Quality :	
Good	<input checked="" type="radio"/>
Average	<input type="radio"/>
Not good	<input type="radio"/>
<input type="button" value="Submit"/>	

(d) Create an external CSS file that formats the three pages as per the layout of figure 1. The background colour of “Menu Division” should be light yellow. 10

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