

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

**BACHELOR OF COMPUTER
APPLICATIONS (BCA)
(REVISED)**

Term-End Practical Examination

June, 2025

**BCSL-057(Set-IV) : 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 and database backend to demonstrate the web application.*

1. Design and implement a website/web application having three web pages. All the three web pages should have the following layout :

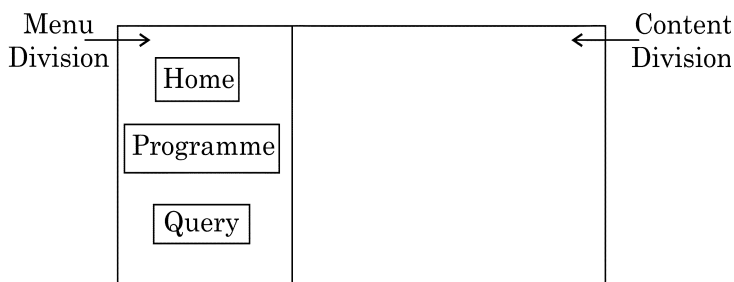


Figure 1 : Layout of the Web pages

The “Menu Division” should be the same in all the three web pages. The **Home** is a link to the home page. **Programme** is a link to a page that is created by a JSP program and a database. The **Query** is a link to an HTML page, which may be used to ask a query.

The “Content Division” of the three pages should be as per the following description :

- (a) The home page should display the message “Welcome to ABC University”. It should also display the university address and contact person details in a tabular format. 6
- (b) The Programme page should be created using a JSP program, which queries a database “university” having a single

table programme (code, title, duration, eligibility). You should create the database and enter about 5 records in this database. The JSP program should query the database and the result of this query should be displayed in the “Content Division” of programme page as shown below :

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Prog. Code	Title	Duration	Eligibility
BCA	Bachelor of Comp. App.	3 yrs.	10+2
MCA	Master of Comp. App.	2 yrs.	Graduation
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.	.	.	.
.	.	.	.

- (c) The query page should display a form in “Content Division” (you should write the HTML/JSP code to create the form

and NOT to verify or process the form),
as shown below : 6

Name	<input type="text"/>
Email	<input type="text"/>
Query	<input type="text"/>
	<input type="submit" value="Submit"/>

- (d) Create an external CSS file that formats all the three pages as per the layout of figure 1. The background colour of each division should be different. 10

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