

BCSL-057 (Set-1)

BACHELOR OF COMPUTER APPLICATIONS (REVISED) BCA Web Programming Lab

Duration: 1 hour

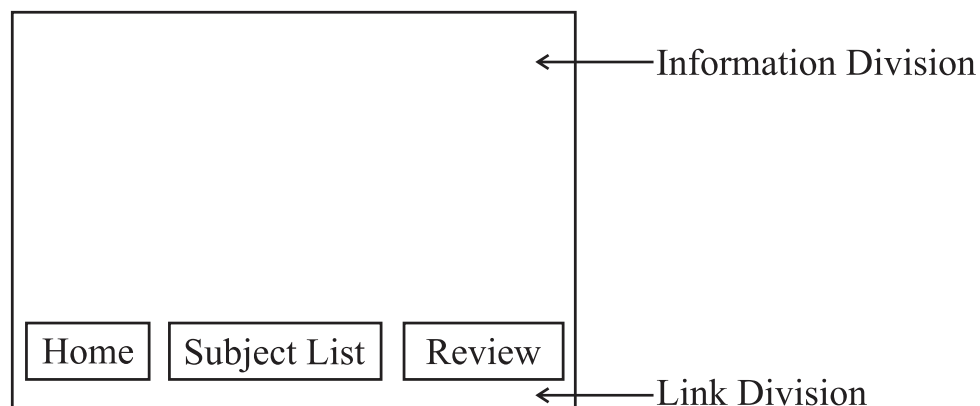
Maximum Marks: 50

Note: 1. There is one compulsory question in this paper of 40 marks.

2. Rest 10 marks are for viva-voce.

3. You may use any IDE, Web Server or Database backend to demonstrate the Web Application.

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



Figures 1: Layout of Web Pages

The **Link Division** should contain the following links:

- | | | |
|--------------|---|--|
| Home | : | Link to Home Page |
| Subject List | : | Link to a Subject List Page created using JSP from database. |
| Review | : | Link to a Review page containing a review form. |

The **Information Division** of the three pages should be as per the following description:

- i) The Home page should display “Subject Details” as title and should display a subject name “Web Programming”. 6
- ii) The subject List page should be created using a query to a database name subject-details having a single relation course-author (Topic, Block number, Author-name). You should write the JSP program which connects to database and executes the query. The data should be displayed in the following format: 18

Topic	Block Number	Author Name
HTML	Block 1	Sharma
Spring	Block 2	Mishra
.	.	.
.	.	.
.	.	.

The list should have at least five topics.

- iii) The review page should contain the following form: (your need not write the code for processing or verification of the form). 6

Topic :	<input type="text"/>
Coverage :	
Adequate	<input checked="" type="radio"/>
Not Adequate	<input type="radio"/>
<input type="button" value="Submit"/>	

- b) Create an external CSS file that ensures that format of all the three pages is as per the layout of Figure 1. The background colour of the Link Division should be light blue. 10
