

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

00630

Term-End Practical Examination**June, 2018****BCSL-057(P)/S4 : 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. (a) Design and implement a website/web application having three web pages. All the three web pages should have the following layout :

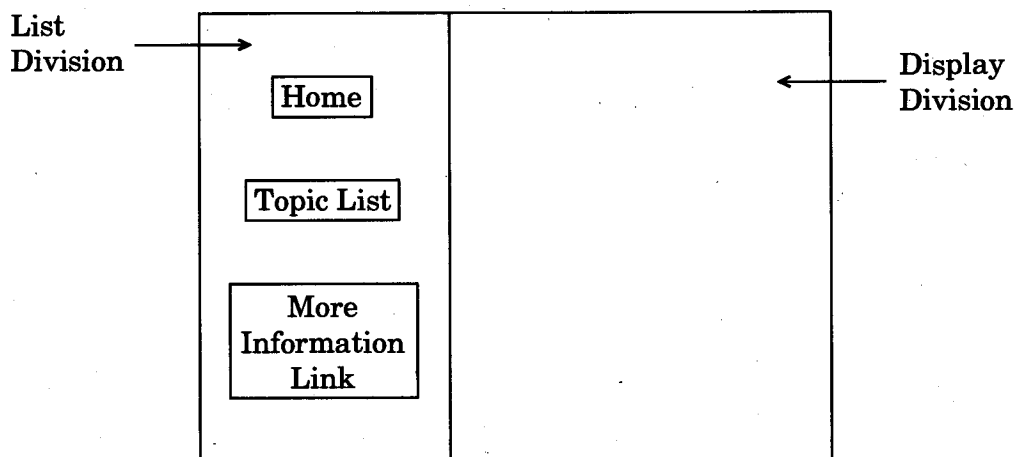


Figure 1 : Layout of Web Pages

The List Division contains three links – **Home** which is a link to Home page; **Topic List** links to a Topic List page that is created by JSP program using a database; and **More Information Link** is a link to an HTML/JSP form.

All the three pages have the same List Division details, but the Display Division of the three pages should be as per the following description :

(i) Home page displays the following information :

6

<u>List of Topics to be taught</u>	
•	You can get the list of all the topics to be covered
•	You can also get more information

(ii) The Topic List page is created by a JSP program. You need to create a database named Topic Details having a single table (list_item, title_of_item, duration). Write a JSP program that connects to the database above, executes a query and displays the following information :

18

Topic Details	
Topic	Duration
HTTP	3 hrs.
TCP/IP	5 hrs.
⋮	

← Display division

(The database should have 3 – 4 data records)

(iii) The **More Information Link** should display the following form :

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

6

More Information	
Your Name	<input type="text"/>
Topic of Interest	<input type="text"/>
<input type="submit" 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 List Division should be light yellow using the CSS.

10