

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

Term-End Practical Examination

December, 2017

01202

BCSL-057(P)/S2 : 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 with the following layout :

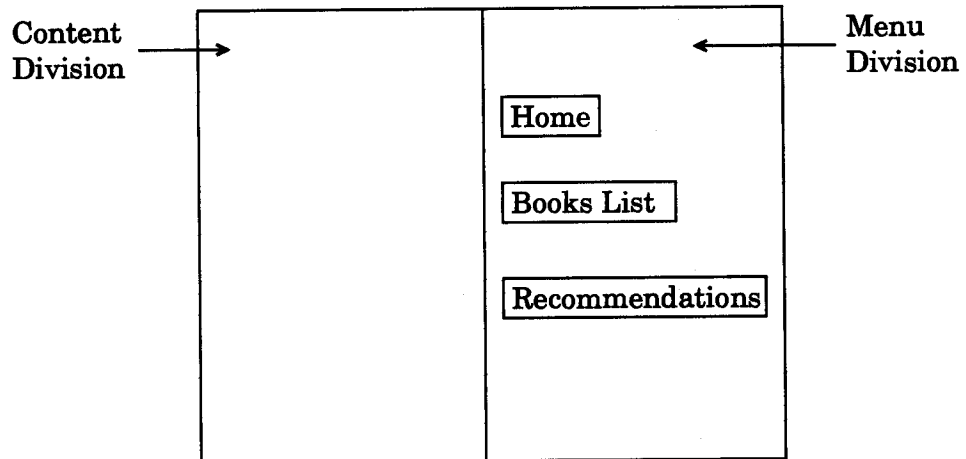


Figure 1 : Layout of Web Pages

Create three web pages having the same Menu Division and Content Division as shown in Figure 1.

The links in the Menu Division are

- Home** : Link to Home Page
- Books List** : A link to a page that generates a list of books. The page can be named as Books List Page.
- Recommendations** : A link to a page containing a recommendation form.

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

- (i) The Home Page should display a title “ABC Book Store”. It should show a welcome message and address of the book store. 6
- (ii) The Books List Page should be created using JSP which queries a database Books having a single relation Booklist (Book_title, First_author). The result of this query is displayed on the Books List Page as :

Books List

Book Title	First Author
Web Programming	Tanenbaum
Web Architecture	Ravi Sethi
.	.
.	.
.	.

The list should contain at least five titles. 18

- (iii) The Recommendations Page should contain a recommendation form as given below : (You should write HTML/JSP code to create the form and **not** the code to process the form) 6

Name

Recommendations

- (b) Create an external CSS file that formats all the three pages as per the layout of Figure 1. The CSS should ensure that only Arial/Times Roman fonts are used in all the three pages. 10