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

BCSL-057(Set-III) : 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 :
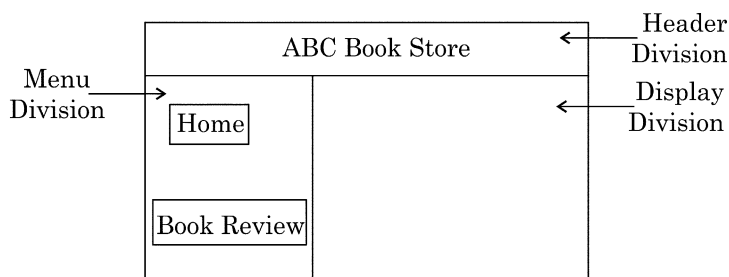
Figure 1 : Layout of the Web pages

The "Header Division" should contain the text "ABC Book Store". The "Menu Division" should contain two links Home which is a link to Home Page and Book Review which is a link to Book Review page.

The "Header Division" and "Menu Division" of all the three pages should be the same. The "Display Division" of the three pages should be as per the description given below :

(a)   The "Display Division" of Home page should display a welcome message and should display the address and phone number of the Book store in tabular format.   6

(b) The "Display Division" of Book Review page should display a form, as given below :   9

```
              Book Review Form
   Book Title :      [              ]
   Author     :      [          ]
   (first)
   Rating on five point scale
      (1-lowest, 5-highest)
            O1  O2  O3  O4  O5
   Will you recommend the book to others ?
            O Yes      O No
               [Submit]
```

Please note this form must have a "Submit" button.

(c) A third page is created by a JSP program, which is run/executed when you press the |Submit| button on the Book Review page. You must fill some meaningful data in the fields of Book Review form prior to pressing the Submit button. The JSP program

should display the data filled by you in the Book Review form in the "Display Division" of the third page.   15

(d) Create an external CSS file that will format the web pages as per the layout of figure 1. The CSS file should ensure that all the three divisions are in different background colour.   10

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