

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

02245

June, 2017

BCSL-057(P)/S1 : 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 having the following layout :

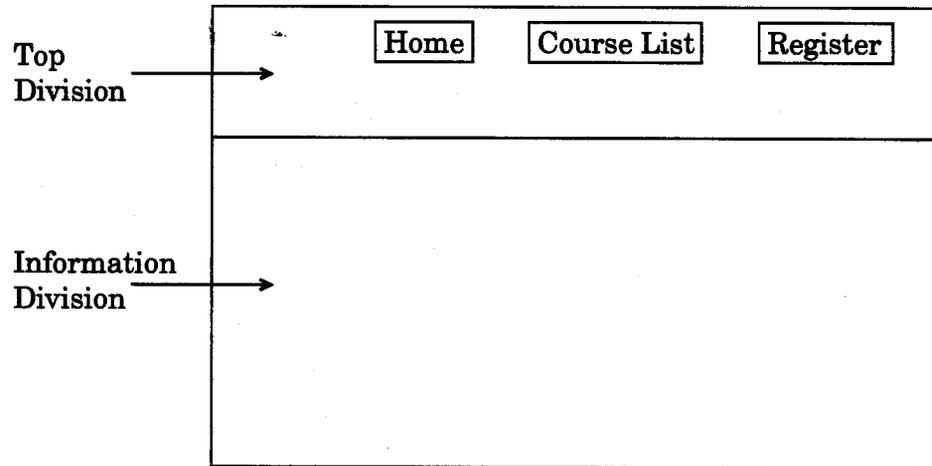


Figure 1 : Layout of Web Pages

Create three web pages having the Top Division and Information Division as shown in Figure 1. **Home** in Top Division is a link to Home Page and **Course List** is a link to a page that displays list of courses. **Register** is a link to a Registration Page. The Information Division of these three pages should be as per the description given below :

- (i) The Information Division of Home Page should display University name, mission and objectives as a list, and address of the University. 6
- (ii) The Course List Page should establish a link to a database which has one table named "Courses" having course_code and course_name as fields. The Course List is generated from the data of the "Courses" table and displayed in Information Division as :

List of Courses

Course Code	Course Name
BCS-11	Fundamentals
BCS-12	Mathematics
.	.
.	.

You should have at least 5 courses in the database. You should perform it using JSP. 18

- (iii) Registration Page should have a form which asks a visitor his/her name, email_id and password. This form should also have a SUBMIT button (please note you need not write code to process the form). 6
- (b) Create an external CSS file that formats the three pages as per the layout of Figure 1. The background colour of both the divisions must be different. 10