BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

□2245

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.*

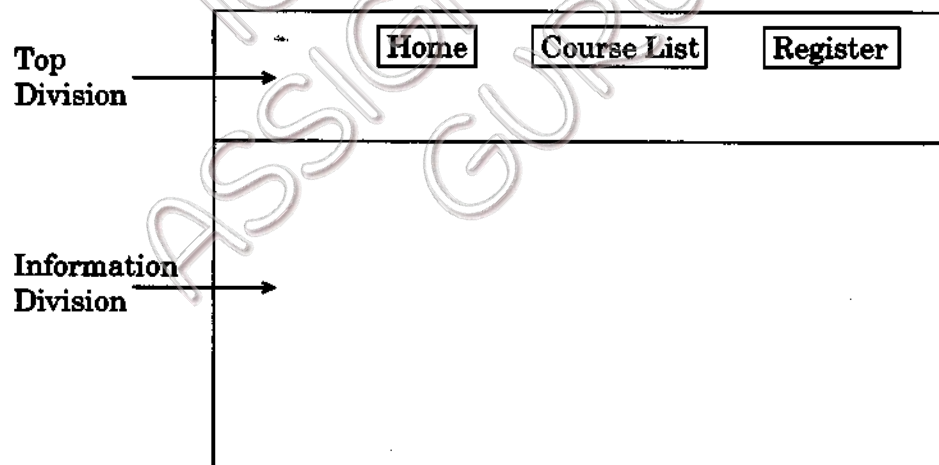1.   (a)   Design and implement a website/web application having three web pages having the following layout :

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 :

<div align="center">

List of Courses

</div>

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*