BCSL-057(P)/S1

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)
Term-End Practical Examination
December, 2017

00382   **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 with the following layout :
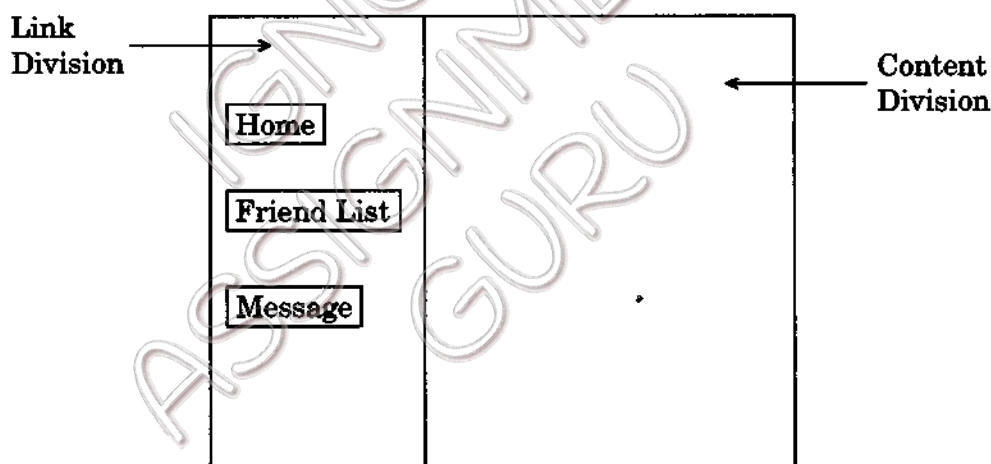

Figure 1 : Layout of Web Pages

Create three pages having the Link Division and Content Division as per the layout of Figure 1. The description of the three links in the Link Division are as follows :

| Home | : Link to Home Page

| Friend List | : Link to a page that displays list of friends.

| Message | : Link to a page that displays a form for submission of a message.

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

(i) The Home Page should display a heading "My Friend List" and should display your name, highest qualification and year of birth. *6*

(ii) The "Friend List" Page should connect to a database, namely Friends having a single relation/table Friendsdata (Friend_name, Friend_phone). You should generate the friend list using the database query. This friend list should be displayed in the Content Division of the "Friend List" Page as :

<div style="text-align:center">List of Friends</div>

Friend Name	Phone
Rohan	99962...
Yohan	98765...
. . .	. . .
. . .	. . .

You should store at least five records in the database. You should use JSP to create this page. *18*

(iii) The Message Page should have a form as shown below : (You just need to create the form in the Content Division). *6*

Name [   ]

Message [   ]

[Submit]

(You need *not* write the code for the Submit button)

(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*