BACHELOR OF COMPUTER APPLICATIONS (Revised) (BCA)

Term-End Practical Examination

December, 2017

00162

BCSL-057(P)/S4 : 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. All the three web pages should have the following layout :
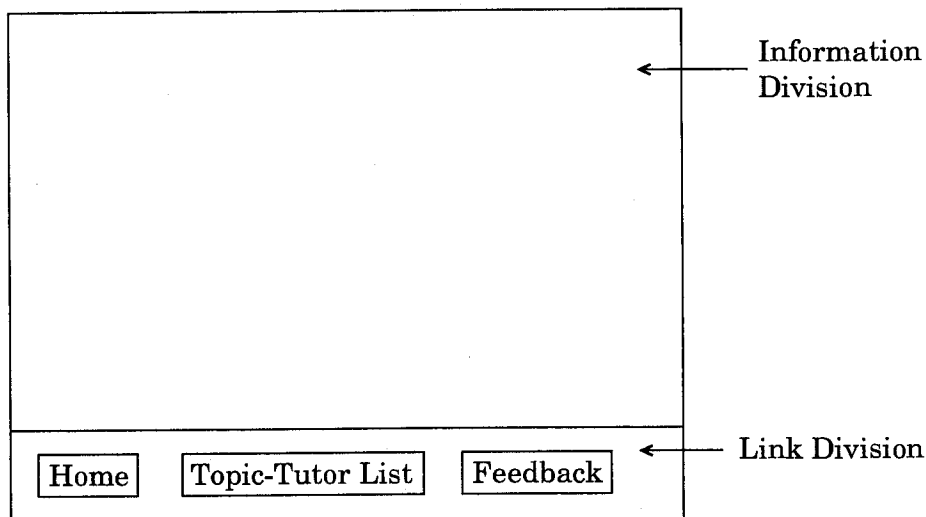

Figure 1 : Layout of Web Pages

The <u>Link Division</u> should contain the following links :

| Home | : | Link to Home Page |

| Topic-Tutor List | : | Link to a Topic-Tutor List Page created using JSP from a database |

| Feedback | : | Link to a Feedback Page containing a feedback form |

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

(i) The Home Page should display "Course Details" as title and should display a course name "Web Programming". *6*

(ii) The Topic-Tutor List Page should be created using a query to a database named Course_Details having a single relation Course_tutors (Topic, Tutor_name). You should write the JSP program which connects to database and executes the query. The data should be displayed in the following format :

Course Details

Topic	Tutor Name
HTML	Nath
CSS	Rehan
. . .	. . .

The list should have at least five topics. *18*

(iii) The Feedback Page should contain the following form. (You need *not* write the code for processing or verification of the form). *6*

Topic : [   ]

Coverage :

    Adequate   ⊙

    Not adequate   ○

      [Submit]

(b) Create an external CSS file that ensures that format of all the three pages is as per the layout of Figure 1. The background colour of the Link Division should be light red. *10*

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