BCSL-057(P)/S1

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

01024

June, 2018

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. Each page should have the following format :
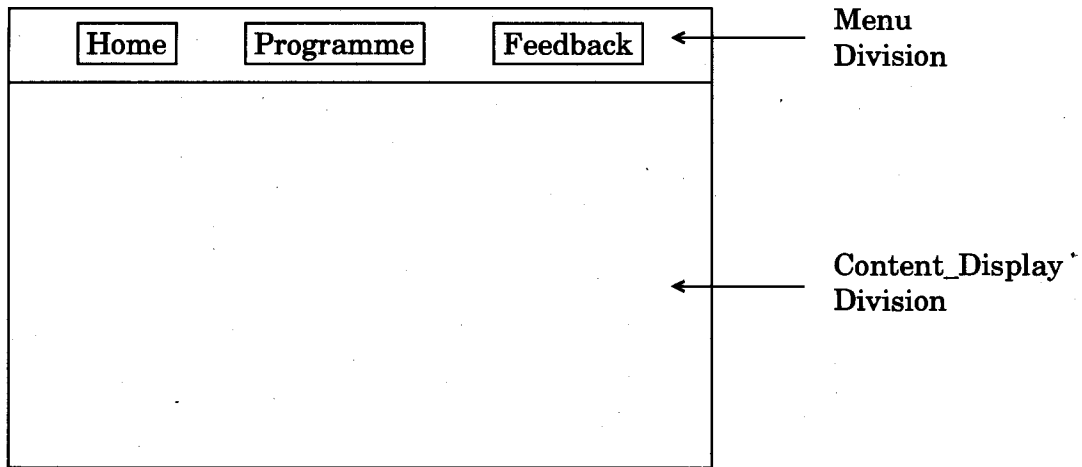

Figure 1 : Layout of Web Pages

Where Home is a link to Home Page, Programme is a link to a jsp page that displays List of Programmes and Feedback link opens a Feedback form.

Create three web pages having a layout as shown in figure 1 and "Content_Display" Division as per the following description :

(i) The Home page should have a heading "PROGRAMME SELECTION". It should also show an unordered list of features of this page as given below : **6**

"PROGRAMME SELECTION"	Only Content_Display division is shown
• Get a list by clicking Programme button	
• Choose the programme	
• Give us feedback on the website	

(ii) The Programme page should connect to a database namely ProgrammeDetails having a single relation/table (Programme_code, Programme_name, Duration, Fee). You need to create this database and enter at least 3 – 4 records in the table. Write JSP programme that connects to database and displays the programme details in a tabular form as shown below : **18**

Only Content_Display division is shown

Programme List			
Code	Name	Duration	Fee
MCA	Master of Comp. App.	3	60,000
BCA	Bachelor of Comp. App.	3	30,000
⋮			

(iii) The Feedback page should display a form as : **6**

Name [   ]

Phone [   ]

Need more help   Yes ☐ No ☐

[SUBMIT]

Only Content_Display division is shown (You need not write code for 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 should be different. **10**