BACHELOR OF COMPUTER APPLICATIONS (Revised) (BCA)

Term-End Practical Examination

00719

June, 2018

BCSL-057(P)/S3 : 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 consisting of three web pages having the following layout :
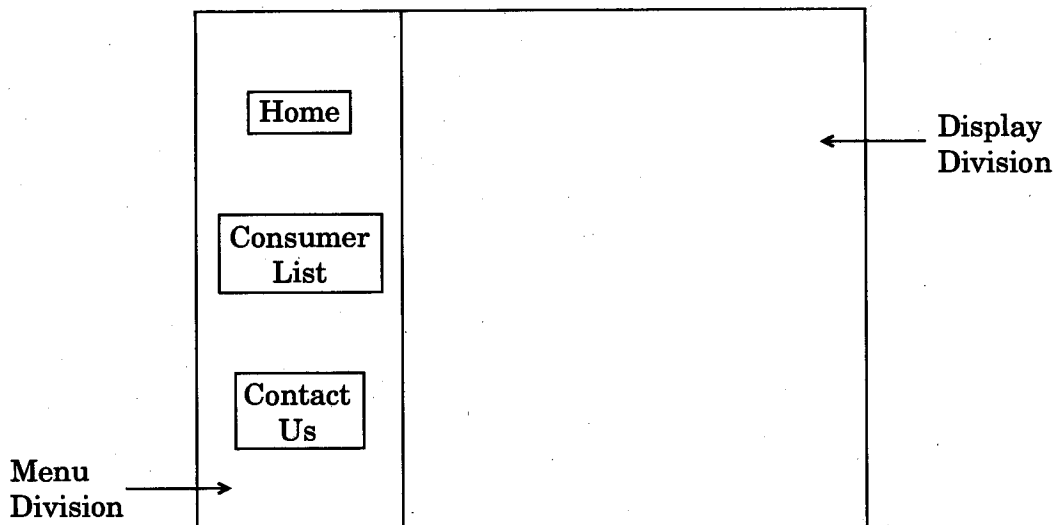

Figure 1 : Layout of Web Pages

The Menu Division contains a link to Home page, a link to Consumer List page which is generated/created by a JSP program; and a link to Contact Us page which contains a form.

Create the three web pages having the same Menu Division but different Display Divisions. The Display Division of the three pages should be as per the following description :

(i)   The Home page should display the following information :   *6*

> Consumer Contact
>
> • You can get information of consumer
>
> • You can also contact us through this website

(ii) The Consumer List page should be generated by a query to a database "Consumer" having a single relation/table, Consumer_Details (Id, Name, Phone). You must create this database and enter 3 – 4 sets of records. You must also write the JSP program that connects to the database and generates the consumer list as :   *18*

Consumer List

Name	Phone
XYZ	25250000
YZX	10102200
⋮	

(iii) Contact Us page should display a form as shown below : (You need not write the code for verification or processing of form)   *6*

> Contact Us
>
> Your Name [   ]
>
> Your Phone [   ]
>
> [Submit]

(b) Create an external CSS file that ensures the format of three pages is as per the layout of Figure 1. It also makes the background colour of Menu Division as light green.   *10*