BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

Term-End Practical Examination

00532   December, 2017
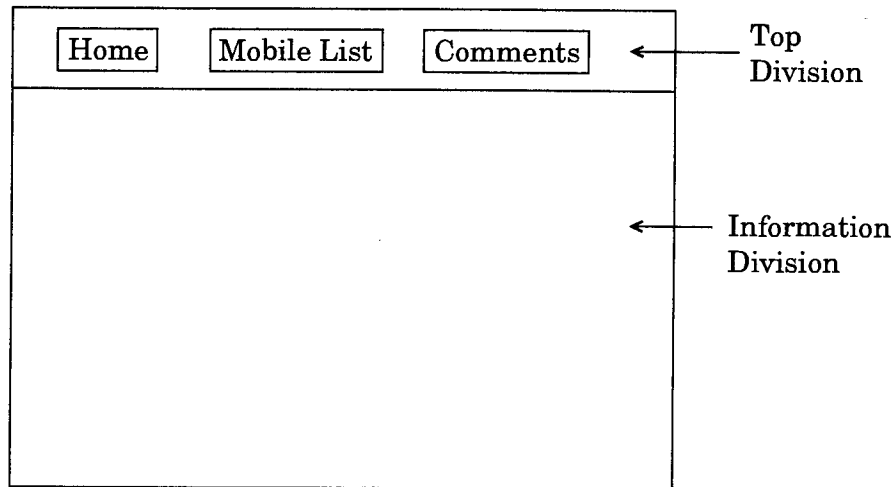
BCSL-057(P)/S3 : WEB PROGRAMMING LAB

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 pages having the following layout :

Figure 1 : Layout of Web Pages

Create three pages having the same layout as shown in Figure 1.

The Top Division contains the following links :

Home   : Link to Home Page

Mobile List : Link to a Mobile List Page created using JSP

Comments   : Link to a Comments Page containing a form

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

(i) The Home Page should display the name of the mobile store "Mobile for You". It should display the objectives and address of the mobile store.   *6*

(ii) The Mobile List Page should be generated by a query to a database "Mobiles" having a single relation Mobile_ram (Mobile_make, RAM_size). You must use JSP to connect to database and display information as :

Mobile List

Make	RAM (GB)
Samsung	2
Apple	4
. . .	. . .

You must display at least five mobiles in this list.   *18*

(iii) The Comments Page should display a form as shown below : (Please do **not** write the code for processing or verification of the form)   *6*

Comment

Name : [   ]

Rate the mobile

    Very good   ○

    Good   ⊙

    Not so good ○

         [Submit]

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