No. of Printed Pages : 3

BCSL-057/S1

Bachelor of Computer Application (Revised) (BCA) Term-End Examination December, 2018

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 many use any IDE, web server or database backend to demonstrate the web application.

1. (a) Design and implement a website/web application for a company having three web pages. Each web page should have the following format :
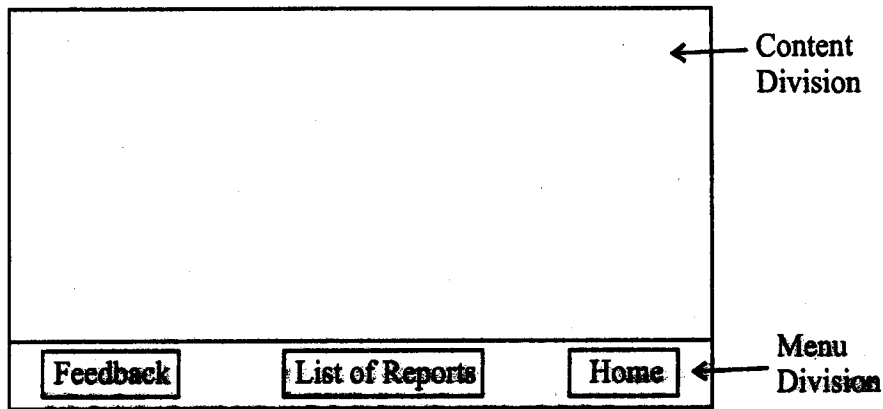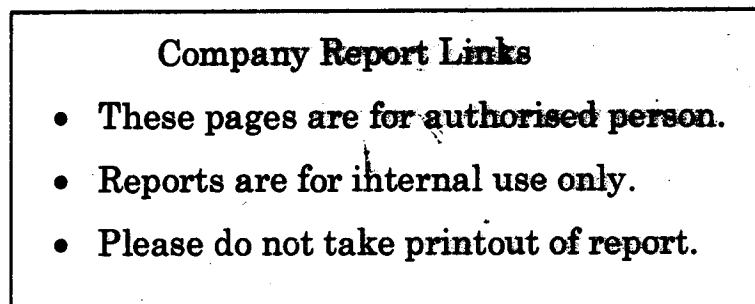

Fig. 1 : Layout of Web Pages

In this layout Home is a link to Home page; List of Reports is a link to listing of all the reports that company has produced and Feedback is a link to feedback page.

Create the three web pages having a layout as shown in Figure 1 and displaying the contents in content division as given below :

(i) The Home page should have a heading "Company Report Links". This page should display an unordered list as shown below :   6

> Company Report Links
>
> • These pages are for authorised person.
> • Reports are for internal use only.
> • Please do not take printout of report.

Only content division is shown.

(ii) The "List of Reports" page should be displayed using a JSP program that accesses a database "Reports" having a single

relation/table Report list (id, title, author). You need to create this database and enter 3-4 records in the table. Write JSP program that connects to the "Reports" database and displays Report list in a tabular form as shown below : 18

Reports		
id	**Title**	**Author**
E01	Air Quality Monitoring	S. K. Das
E02	Income Profile	Ahmad K.
⋮		

Only content division is shown.

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

Name	[ ]
Company Name	[ ]
Report of Interest	[ ]
	SUBMIT

Only content division is shown

(You need not write the code for SUBMIT button)

(b) Create an external CSS file that formats the three pages as per the layout of Figure 1. This CSS file should also make the text colour as blue. 10