

No. of Printed Pages : 3

BCSL-057/S3

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

WEB PROGRAMMING LAB

Time : 1 Hour

Maximum Marks : 50

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- Note :** (i) There is **one** compulsory question of 40 marks in this paper.
- (ii) Rest 10 marks are for viva-voce.
- (iii) You may use any IDE, Web server or Database backend to demonstrate the web application.
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1. (a) Design and implement a website/web application consisting of three web pages having the following layout :

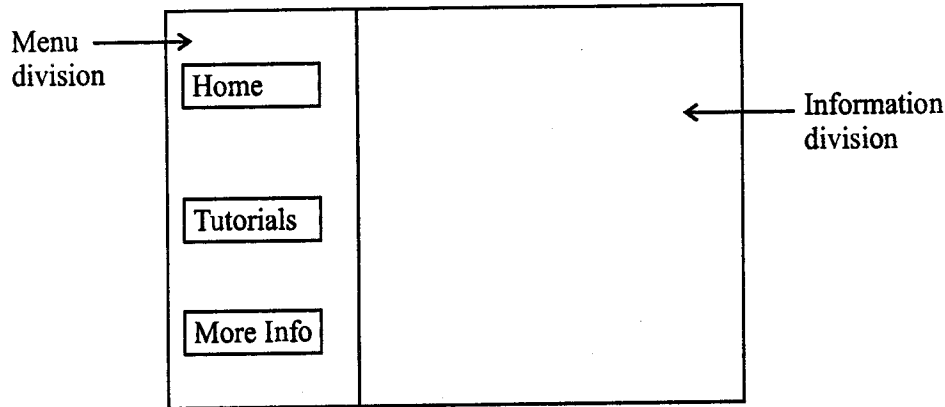
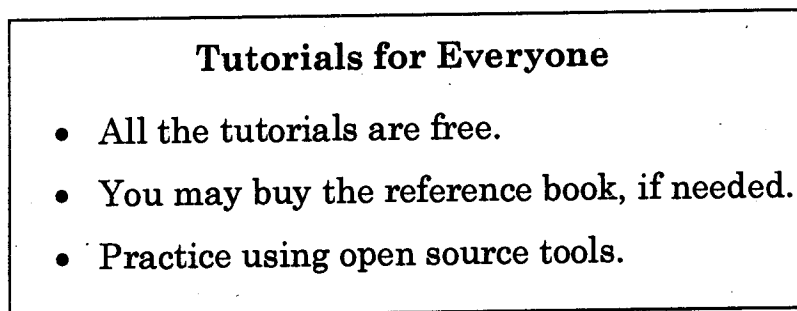


Figure 1 : Layout of Web Pages

The menu division contains a link **Home** to home page; **Tutorials** is a link to tutorial list which is created by a JSP program; **More Info** is a link that opens a form for more information.

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

- (i) The home page should display the following information : 6



(Only information division is shown)

- (ii) Write a JSP program to display "Tutorial List". You must first create a Database "Tutorial" having a single relation/table List (tutorial_title, software, duration). Enter 3-4 records in the database. The JSP program should query the database to create

a “tutorial list” having the following format. It should be displayed in the information division of the web page : 18

Tutorial_title	Software	Duration
Introduction to OOP	JAVA	30
Advanced HTML	HTML5	40
:	:	

(iii) More Info page should contain a HTML/JSP form as given below (you need not write code to process the form) : 6

Name

Phone

Interested In JAVA

 HTML

(b) Create an external CSS file that formats all the three web pages as per the layout of Figure 1. It also makes the colour of Menu division as “Yellow”. 10