

**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 in this paper of 40 marks.
- (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 having three web pages. All the three web pages should have the following layout :

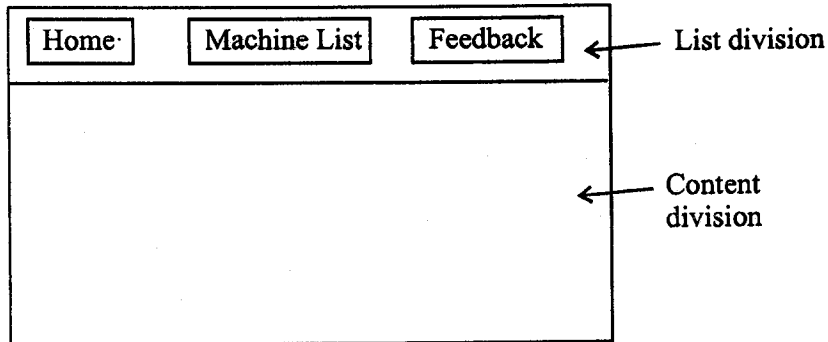


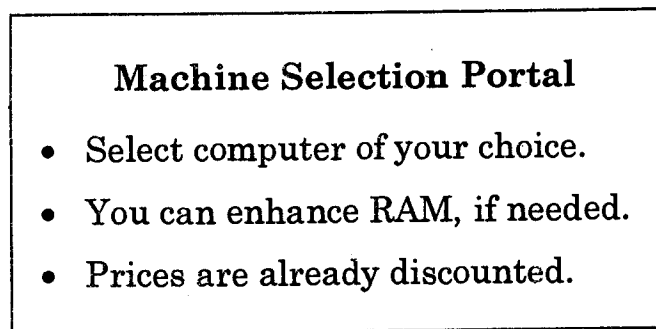
Figure 1 : Layout of Web Pages

The list division contains three links **Home** link is a link to Home page; **Machine list** links to a machine list page that is created by JSP program using a database; **Feedback** is a link to HTML/JSP form.

All the three web pages should have the same list division, but the content division of the three pages should be as per the following description :

- (i) Content division of Home page should display an unordered list as shown below :

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- (ii) The Machine list page is created by a JSP program. First create a database "Machine" having a single table/relation :

Machine-Listing (model_no, processor, RAM, cost). Write the JSP program that connects to the database, executes a query

and displays the machine list in the following format in the content division : 18

Machine List

Model_no.	Processor	RAM	Cost
M01	I3	6GB	35,000
M02	I5	8GB	45,000
:	:		

(You must enter 3-4 records in the database.)

(iii) The Feedback page should display the following form (you need not write the code for verification or processing of the form) : 6

Name	<input type="text"/>
RAM	6GB <input type="radio"/> 8GB <input checked="" type="radio"/>
<input type="button" value="SUBMIT"/>	

(b) Create an external CSS file that ensures that format of all the three pages is as per the layout of Figure 1. The background colour of content division should be made light green. 10