

No. of Printed Pages : 3 **BCSL–057(Set-IV)**

**BACHELOR OF COMPUTER
APPLICATIONS (BCA) (REVISED)
Term-End Practical Examination
December, 2024**

BCSL–057(Set-IV) : WEB PROGRAMMING LAB

Time : 1 Hour

Maximum Marks : 50

Note : *There is **one** compulsory question in this paper of 40 marks. Rest 10 marks are for viva-voce. You may use any IDE, web server and database backend to demonstrate the web application.*

1. Design and implement a website/web application having three web pages. All the three web pages should have the following layout :

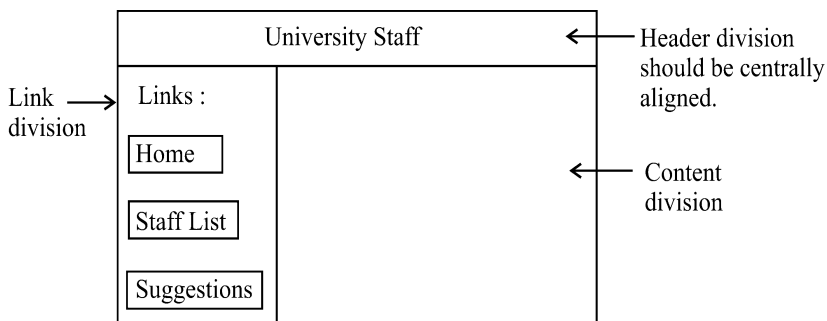


Figure 1 : Layout of the web pages

The header division and link division should have similar content and format in all the three web pages. [Home](#) is a link to Home page, [Staff List](#) is a link to staff list page generated by JSP and database; and [Suggestions](#) is a link to a suggestion form.

The content division of the three pages should be as per the description given below :

- (a) The Home page should display name of the university and the name of the head of the staff. It should also display an unordered list highlighting any *two* achievements of the university. 6
- (b) The staff list page should be created using JSP which queries a database 'Staff' having a single relation staff_list (Staff id, Staff name, department). The result of this query should be displayed on the staff list page as : 18

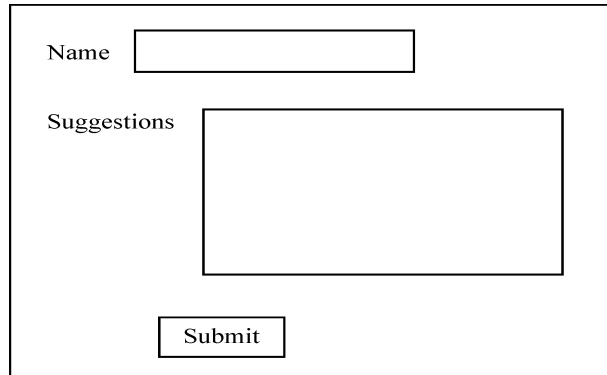
Staff List

Staff ID	Name	Department
S001	ABC	Computer
S002	XYZ	Finance
⋮	⋮	⋮

The staff list should contain the information of at least *five* staff members.

[3]

- (c) The 'suggestions' link should refer to a suggestion page consisting of the following form (you should write the HTML/JSP code to create the form and not the code to process and verify the form) : 6



Name

Suggestions

- (d) Create an external CSS file that formats all the three pages as per the layout of Figure 1. The background colour of content division should be made light yellow. 10

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