

Question Paper

Internet Programming (MCAL132) Trouble Shooting (TCIE-2)

Duration: 90 minutes

Max Marks:20

Instructions to Student:

1. Read the context, problem description, requirements and other details carefully and implement the solution.
2. This assessment is intended to test the hands-on skills related to Web application design and development.
3. **You have been provided with Supplied Files & folder that contains project files, database file and Expected UI Screen. Download and extract the Supplied Files & folder to your relative directory.**
4. Manipulate the project files as per the requirements provided to you in this question paper.

Problem Context

Library Application

Test Software Pvt Ltd, an IT company, is designing a web-based software utility which will be used by the readers to find out the information about various books, manage users, books and issue accordingly.

The software utility must have the login-based access for readers and administrator and one screen which list the category-wise books and its information. Administrator can manage the category and books information. Required database file is supplied in “db” directory.

Problem Description

The requirements to be implemented are given along with the expected UI screens. All modifications must be incorporated as per the requirement description provided in the table under the “requirements” section. The expected UI screen should be used as reference. Each requirement carries a mentioned marks.

REQUIREMENTS:

Requirement ID	Requirement Description	Max Marks	Expected UI Screen / Other Information
REQ_1	Solve database connectivity problem.	2	--
REQ_2	Make Login Form validation working.	4	Refer 2.png
REQ_3	Make Logout functionality working.	2	--
REQ_4	Make User insert functionality working	2	--
REQ_5	Make BookIssue page visible	2	Refer 5.png
REQ_6	Display in users module email address in lower case in user module. Do only SQL correction. Do not change in PHP	2	Refer 6-7.png
REQ_7	Correct SQL so you can display Firstname and Lastname without changing PHP code.	2	Refer 6-7.png
REQ_8	Add Price column in Book Management Page	4	Refer 8.png