

## **Question Paper**

### **Internet Programming (CE423)**

#### **MCA (Semester – 1)**

#### **Trouble Shooting (TSEE)**

**Duration: 180 minutes**

**Max Marks:50**

**Date: 09-02-2022**

Instructions to Student:

1. Read the context, problem description, requirements and other details carefully and implement the solution.
2. In this document write your answer in table give at last. If given functionality is working fine then “Working”, if code is written but not functional properly than “Partial” and if not attempted than “Not Attempted”.
3. This assessment is intended to test the hands-on skills related to Web application design and development.
4. **You have been provided with Supplied Files & folder that contains project files and Expected UI Screen. Download and extract the Supplied Files & folder to your relative directory.**
5. 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 used by the readers to find out the information about various books and issue as per requirement. To issue the book, user must register and need to be logged in.**

### **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 mark.

## REQUIREMENTS:

Modify files to reflect the following requirements				
Requirement ID	Requirement Description	Max Marks	Expected UI Screen	Note
Req. 1	Run your project with following URL pattern: http://localhost/<your_enrollment_no>/	2	--	
Req. 2	Change website theme colour from blue to purple by using bootstrap class "bg-info". Do correction in index.php wherever needed.	2	2	Index.php
Req. 3	In Books module, add image column of respective books. Display from database.	2	3	books.php
Req. 4	Add action column as per image, so that on click of that link respective book detail can be open.	2	4.1, 4.2	books.php
Req. 5	Show books and author name in capital letter using only SQL correction.	2		books.php
Req. 6	In Books module, make searching functionality working.	4	--	books.php
Req. 7	Complete logout functionality working.	2	--	logout.php
Req. 8	If user is logged in, then only show profile menu.	2	8.1, 8.2	nav.php
Req. 9	If user is not logged in, on click "Issue Book", it will navigate to login page.	2		issue.php
Req. 10	Do form validation of login page using jQuery.	2	10	login.php
Req. 11	Do validation on all fields of Registration Form.	4	--	register.php
Req. 12	Correct the registration save functionality.	4	--	save_registration.php
Req. 13	On profile page count "Total Books in Library" and "Book Issued" for logged in user.	4	13	profile.php
Req. 14	In profile, show only books whose return status is pending. Do SQL correction only.	2	13	profile.php
Req. 15	In profile, sort issued books in such a way so user should know which book he/she need to return first. Do SQL correction only.	2	13	profile.php
Req. 16	In profile, show name of user who is logged in.	2	13	profile.php
Req. 17	When user is logged in, in Book Detail page, make "Issue Book" button working.	2	17.1, 17.2	book_issue.php
Req. 18	Study the image, database table "bookissue" and code of book_return.php to write an update query to update return date and issue status to do the process of book return.	4	18	book_return.php
Req. 19	In List of Issued Book page, change date format to dd-mm-yyyy in all three columns.	2	19	issue.php
Req. 20	Add confirmation dialog on "Book Return" link.	2	20	issue.php