SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING
B.Tech INFORMATION TECHNOLOGY
ITE310 - WEB TECHNOLOGIES LAB
CYCLE SHEET
(Common to all the batches)

1. Design a personal webpage. The webpage design code must have a usage of maximum number of HTML Tags. Usage of frames,div,table,list,image and etc., are mandatory

2. Style the personal webpage created in Question No.1 using CSS .The usage of id, class pseudo class is mandatory. The styling should include

   a. Inline

   b. Internal

   c. External

3. Include Image Slide Show Digital clock, Survey Poll to make your webpage dynamic.

4. Make the page even more dynamic by using JavaScript, HTML DOM and CSS.

   a. Changing text after a time interval.

   b. Create a web page with a sliding menu on it.

   c. Create a web page with an image and a button. On click of a button the image should move horizontally and also on mouse over the size of the image should be changed.

   d. Create a dynamic page with moving window.

   e. Scrolling Text in Status Bar.

   f. Scrolling Text Horizontal and Vertical in browser window.

   g. Change the color of the text on click of a button or on mouse over.

5. Create a web page that allows the user to select one or more books by using checkboxes. Display the name of each book and its price. Display the current total in a text box at the bottom of the page. When a book is selected (or unselected), update the total. Use JavaScript to perform arithmetic operations.

6. Write a web application to implement online quiz system. The application includes only client side script.

7. Write a XML for representing any real world Scenario. Write a XSLT to display the contents on the browser window. Try running the XML file in Word and Excel.

8. Write a PHP/JSP/Servlet to display form information of the client. The form information should be displayed in a Table.

9. Write a web application to implement search engine. The Server Side should be implemented using Servlets. Usage of Files is mandatory.

10. Create a web page to show that array is received on server side during multiple options in drop down list.

11. Include server side code for question number 6; make necessary changes to the code so that all the processing is done at the server side. Usage of database is mandatory.

12. Implement Survey Poll Using PHP.

13. Write a small code in PHP, JSP and Servlet to implement sessions and cookies.

14. Implement Shopping Cart using JSP. Usage of Sessions is Mandatory.

15. Create a web application to implement course registration. The web application front end should use DHTML to make a dynamic page and any server side script to process the user form request.

16. Write a Web Application that authenticates an existing user and creates a new user if not existing. Use any server side language/script of your choice. Use Files/Database.

17. Write a PHP/JSP code that checks the, if the user is an authenticated user, then redirect to next page. If the user does not exist, then stay in the current page. If the user is a new user, then redirect to welcome page.

18. Write a simple web application to convert Rupees to dollars and dollars to Rupees. Use Server Side Script for conversion.

19. Create a webpage to read, write, update and delete the student database using PHP and JSP.

20. Include Ajax code to search engine implemented in question 9 to make an application more user-friendly.