

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF COMPUTER SCIENCE
B.Sc. DEGREE PROGRAMME 2017/2018
NO BOOK TEST 02
CSU5302: WEB TECHNOLOGIES
DURATION: ONE HOUR ONLY (1 HOUR)



Date: 04.08.2018

Time: 4.00 pm – 5.00 pm

Answer ALL Questions.

Transforming an existing conventional bookstore into an online store will be quite challenging and at the same time very beneficial to increase the sales. Suppose you have already built a basic website for a conventional bookstore with few information pages inside it. You are in the process of improving the website with more styling and also planning to introduce some back end features.

1. List four (04) styling elements you can use inside a CSS file.
2. Describe how you would like to use CSS technologies to improve the maintainability of your website. Use two (02) examples.
3. There is a requirement to give a 10% discount for any purchases of value more than Rs 1000/-. Write the procedure (in natural language) to return the discounted price, when the total order value is provided.

(Note: You don't need to use any specific programming language)

4. List the individual steps of;
 - a. Inserting book information to a database.
 - b. Displaying a list of books on an HTML page, retrieved from the database.

(Note: You don't need to use any specific programming language)

5. Briefly describe one scenario where XML can be utilized in the bookstore website.
6. Briefly describe one feature that can use web services to add more value to the bookstore system.

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