THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
B.Sc. DEGREE PROGRAMME 2015/2016
NO BOOK TEST 01
CPU3149: WEB TECHNOLOGIES
DURATION: ONE HOUR ONLY (1 HOUR)

Date: **30th March, 2016**	Time: **04.15 pm to 05.15 pm**

Answer **ALL** Questions.

Q1). A bookshop owner decides to take the business to next level by having a web presence.

   i.   List four benefits of having a web site for the business.

   ii.   List two advantages and two disadvantages of introducing 'client server architecture' based system to the bookshop. Briefly describe how each of them affects the business.

   iii.   Briefly describe how two of the web protocols can be used to improve the current business process of the bookshop.

   iv.   List four fundamentals which are important in web designing. Taking two of them briefly describe how they are related to the bookshop website.

   v.   Briefly describe two ways to improve the bookshop website using different animation technologies.

Q2). One leading property sales company has a static web site which they have been using for the past few years. They plan to revamp their website with more dynamic content.

   i.   List four drawbacks of having a static website.

   ii.   Briefly describe two facts to be considered when conducting the web development for the new website, with an example for each of them.

   iii.   Briefly describe two ways to improve the user experience of the web site by using JavaScript technology.

   iv.   Describe a scenario in property sales web site, where server side programming can be useful.

   v.   Describe briefly how using CSS can improve the maintainability of the web site, taking two examples.