

INDIAN STATISTICAL INSTITUTE BANGALORE CENTRE  
Documentation Research and Training Centre

**M. S. (Library and Information Science) 2016-18**  
Second Year, Semester III (Final)

Paper 16: Web Technology and Web based Information Services  
**Date: 24th Nov 2017**

**Duration: 3 hours**

**Full marks: 100**

**Answer any 5 questions. All questions carry equal marks.**

1. Write major features of HTML5.
2. Describe major features in CSS3, including pseudo classes.
3. Write a page layout in HTML as given below using CSS rules:

<b>(width= 80%, fixed height= 200 pixels, text align=centre)</b>		<b>(width = 20%, text align=centre)</b>
<b>(width= 30%, text align=right)</b>	<b>(Minimum height= 500 pixels, text align=left)</b>	
<b>(width= 100%, text align=centre)</b>		

4. Explain the differences between XML DTD and XML Schema.
5. Explain ODBC/JDBC technology and its usage.
6. Explain the usage of relevance ranking algorithm with emphasis on TF-IDF.