

INDIAN STATISTICAL INSTITUTE BANGALORE CENTRE
Documentation Research and Training Centre

M. S. (Library and Information Science) 2017-19
Semester III (Final)

Paper 16: Web Technology and Web based Information Services

Date: 14th Nov 2018

Duration: 3 hours

Full marks: 100

Answer any five questions. All questions carry equal marks.

1. Describe major features of CSS3 with examples
2. Write HTML code with applicable CSS for the following web page:

Library Site				
Navigation <ul style="list-style-type: none">• Home• Catalogue• Policies• Contact <p><i>[width: 25%]</i></p>	Popular Titles			
	Rank	Title	Author	Year
	1	Sample Title 1	Sample Author 1	2010
	2	Sample Title 2	Sample Author 2	2012
	3	Sample Title 3	Sample Author 3	2014

3. Explain the difference between DTD and XML Schema.
4. Explain major SQL joins with suitable examples.
5. Discuss importance and types of database abstraction used in programming languages.
6. Discuss usage of TF-IDF algorithm in relevance ranking.