Department of CSE, SSN College of Engineering

Class: VII Semester "B"   **Subject : Service Oriented Architecture**

Assignment - I

Deadline: 29/7/16

1. Convert the below tables (Order and Miscellaneous) into an XML Document. Write an internal Document Type Definition for that XML document.

   a. In **miscellaneous table** if the order is only "taken by" but not "shipped" and "processedby", then "fabcharges" will be nil in **Order table**. Check all those constraints.
   b. Use regular expression for Orderid.
   c. Validate using XML Validator to check whether the XML document conforms to your written DTD

2. Write a XML schema for the developed XML document.

   a. Do the bullet a. given in the first problem
   b. Use the following restriction facets: Orderid follows a pattern, length between 100 and 2500, fabcharges upto 2 decimals and also other possible facets.
   c. Validate the XML Schema using any XML Validator

Order Table:

ORDERID	STOCKNUM	LENGTH	FABCHARGES	SHIPTO	DATEORDERED	OTHER INFO
A-11269	9870	690	----	19876078	03OCT1998	
A-11270	1279	1750	2256870.00	39045213	03OCT1998	
C-11271	8934	110	11063836.00	18543489	03OCT1998	
C-11272	3478	1000	----	29834248	03OCT1998	
C-11273	2567	450	252148.50	19783482	04OCT1998	
B-11274	4789	1000	----	15432147	04OCT1998	
V-11275	3478	1000	----	29834248	04OCT1998	
D-11276	1279	1500	1934460.00	14324742	04OCT1998	
V-11277	8934	100	10058033.00	31548901	05OCT1998	
B-11278	2567	2500	1400825.00	14898029	05OCT1998	

Miscellaneous Table:

| ORDERNUM | OTHER INFO | | | |
	SHIPPED	TAKENBY	PROCESSDBY	SPECINSTR
A-11269	----	212916	----	----
A-11270	19OCT1998	321783	237642	Customer agrees to pay full
C-11271	13OCT1998	456910	456921	----
C-11272	----	234967	----	----
C-11273	14NOV1998	119012	216382	Customer agrees to any liabilities caused by product use
B-11274	----	212916	----	----
V-11275	----	234967	----	----
D-11276	21OCT1998	321783	120591	Customer agrees to certain limitations
V-11277	----	456910	----	----
B-11278	20OCT1998	119012	456921	----

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