

GLS University
Faculty of Computer Applications & Information Technology

BCA SEM IV

Practical on XML CEC-1

*** For SYBCA Div A & B**

Q-1 Create a Xml document based on following external DTD and validate it.

```
<!DOCTYPE articles [  
<!ELEMENT articles (#PCDATA | Movie+) >  
<!ELEMENT article (name, month, author, (reviews | feedback)+)>  
<!ATTLIST article id ID #REQUIRED>  
<!ELEMENT name (#PCDATA)>  
<!ELEMENT month (#PCDATA) >  
<!ELEMENT author (#PCDATA)>  
<!ATTLIST author name CDATA #IMPLIED>  
<!ELEMENT reviews (#PCDATA)>  
<!ELEMENT feedback (#PCDATA)>  
<!ATTLIST reviews lang CDATA #IMPLIED>  

```

Q-2. Create a XML with following content and validate it using DTD.

Order_Detail(OrderNumber, Orderate, OrderAmount,ItemPrice, ItemName, Quantity)

Create DTD declaration for OrderDetail where

- Id will appear as an attribute to OrderNumber
- Orderrate should have option like MarketPrice or WholesalePrice.
- ItemName should come at least one time.
- Order Amount should come only once.
- Item Price and Quantity can come zero or more times

Note:

After making both the valid documents merge in one document with proper question format. Mention your details in document like Name, Roll No with division. Convert the merged document in PDF. PDF file name must your enrollment no.

Submit on or before 26/12/2022 11.00 AM, after that link will be disabled

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