

Course Code: CSE 429 Course name: Compiler Design Quiz: 4
Marks: 20 Time: 30 minutes

1. Show that this grammar is LALR(1) but not SLR(1):

S  $\rightarrow$  X \$

 $X \rightarrow Ma \mid bMc \mid dc \mid bda$ 

 $M \rightarrow d$ 

You do not have to augment any production here, as it is already augmented here.

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