

Name: _____

Student-Number: _____

Question 1

Consider the following grammar.

$$\begin{aligned} S &\rightarrow L=R \mid R \\ L &\rightarrow *R \mid \text{id} \\ R &\rightarrow L=\text{id} \mid =R \end{aligned}$$

(1) Draw the LR(1) DFA

(2) Convert to LALR DFA