

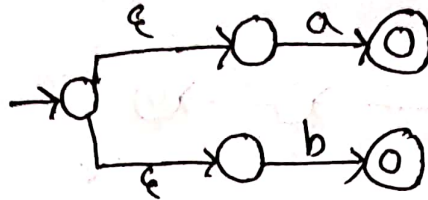
Name : TRIDIB SARKAR

Section: F

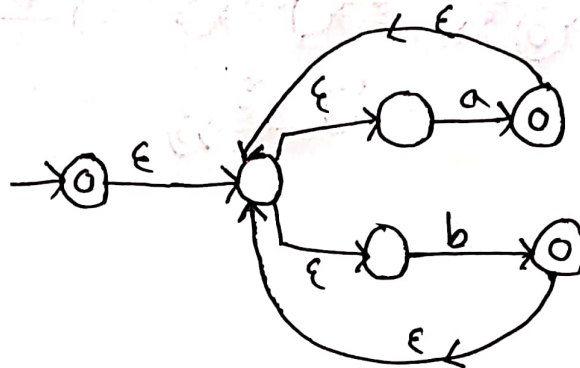
ID : 22-46444-1

1. $(a \cup b)^* abc$

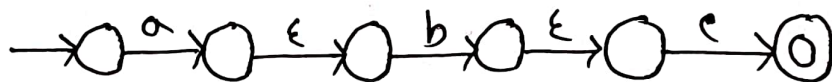
$(a \cup b) \Rightarrow$



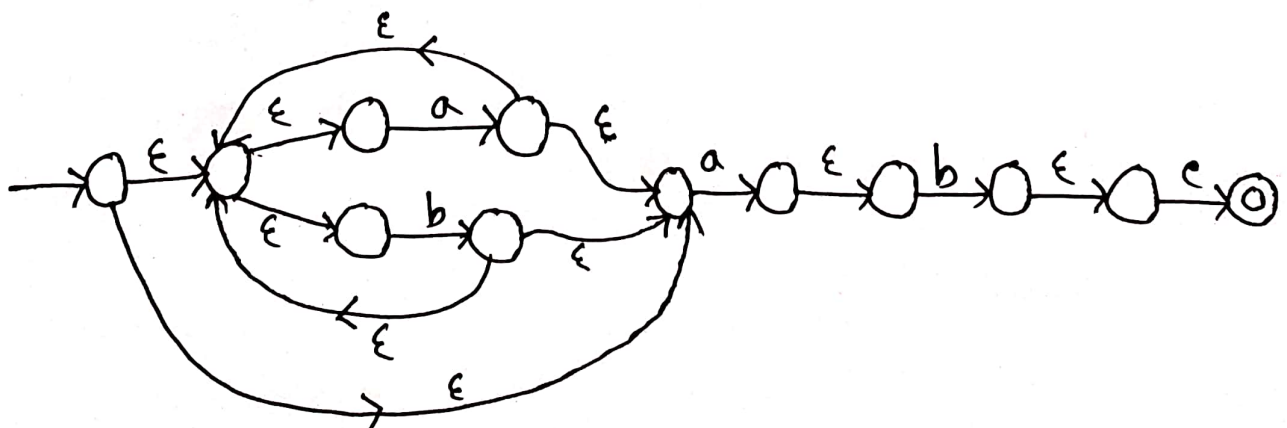
$(a \cup b)^* \Rightarrow$



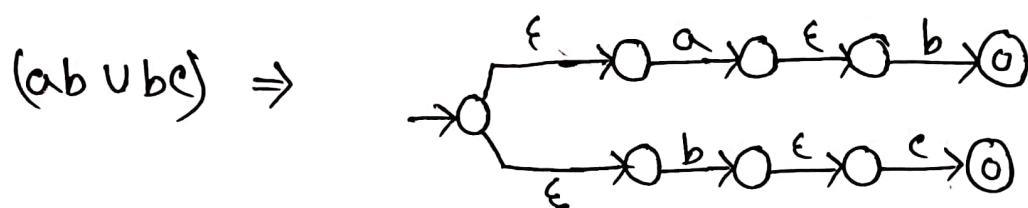
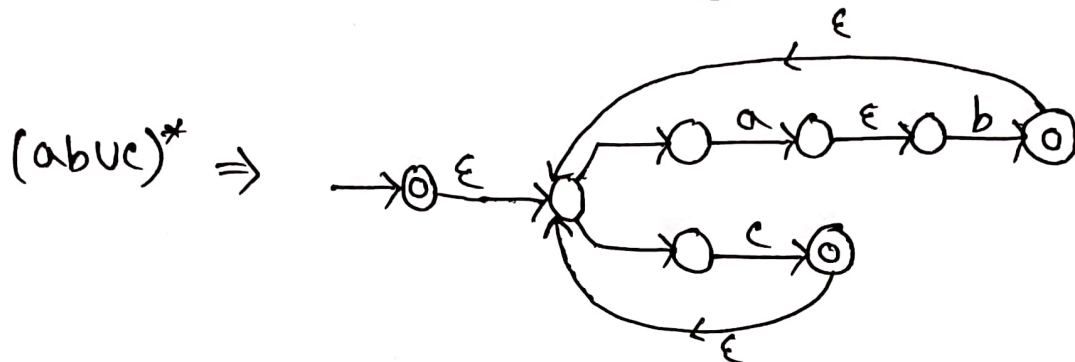
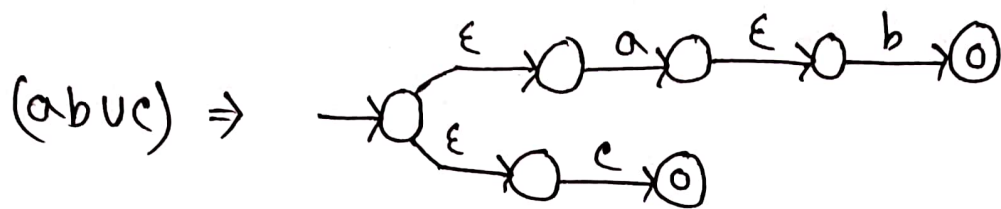
$abc \Rightarrow$



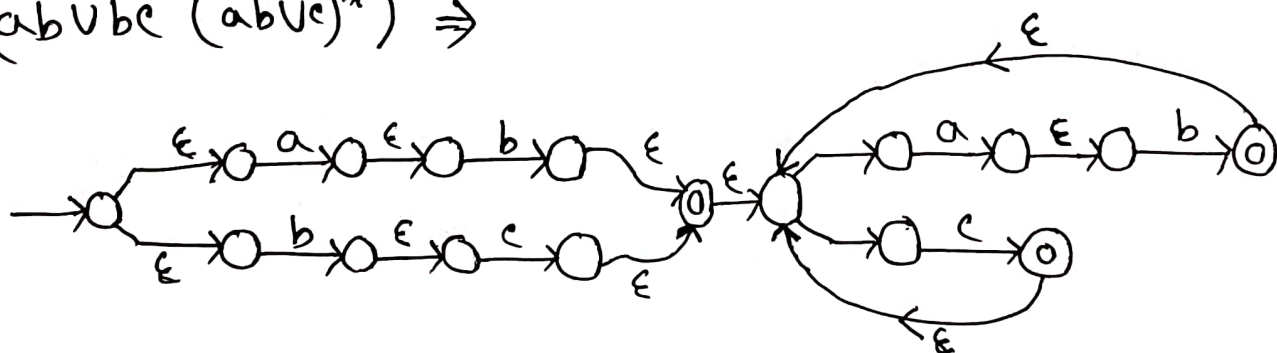
$(a \cup b)^* abc \Rightarrow$



2. $(ab \cup bc (ab \cup c)^*)^*$



$(ab \cup bc (ab \cup c)^*) \Rightarrow$



$(ab \cup bc (ab \cup c)^*)^* \Rightarrow$

