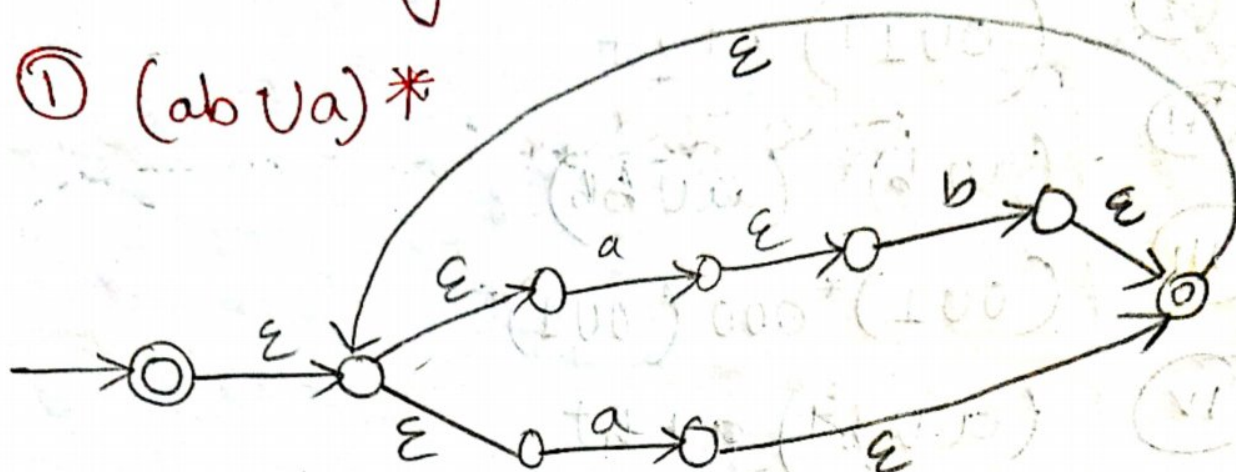① $(ab \cup a)^*$

② $(a \cup b)^*$ aba

③ $(0+1)^*$ 1 $(0+1)$

④ $(0 \cup 1)^*$ 000 $(0 \cup 1)^*$

⑤ $a^* \cup b^*$

⑥ $aba \cup bab$

⑦ $a(ba)^* b$

⑧ $(\varepsilon \cup a) b$

⑨ $(a+b)^*$

⑩ $(a^* + b^*)^*$
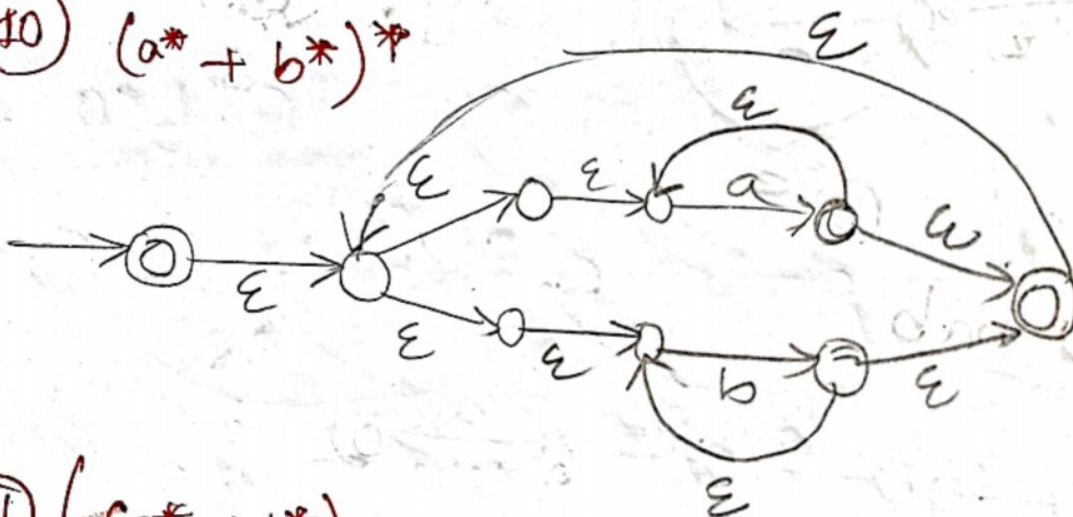
⑪ $((a^* + b^*) + (aa + bb))$
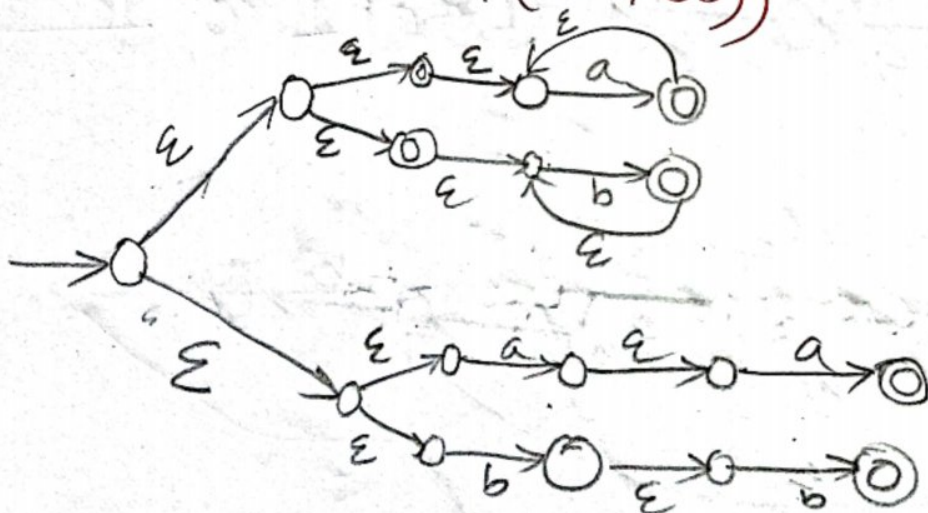
⑫ $(a \cup b)^*$ aba $a^* b^*$

⑬ $(0+1)^*$ $(00+11)$ $(0+1)^*$

⑭ $00 (0+1)^*$

⑮ $(a \cup b^+)$ $a^+ b^+$

⑯ $1(01 + 10)^*$ $+ 0(11+10)^*$

⑰ $0^* 1^* 0^*$

⑱ 0^* 1 $(0+1)^*$

⑲ $a(abb)^* \cup b$

⑳ $(a \cup b)^+$ $a^+ b^+$ $(a \cup b)^+ a^+ b^+$

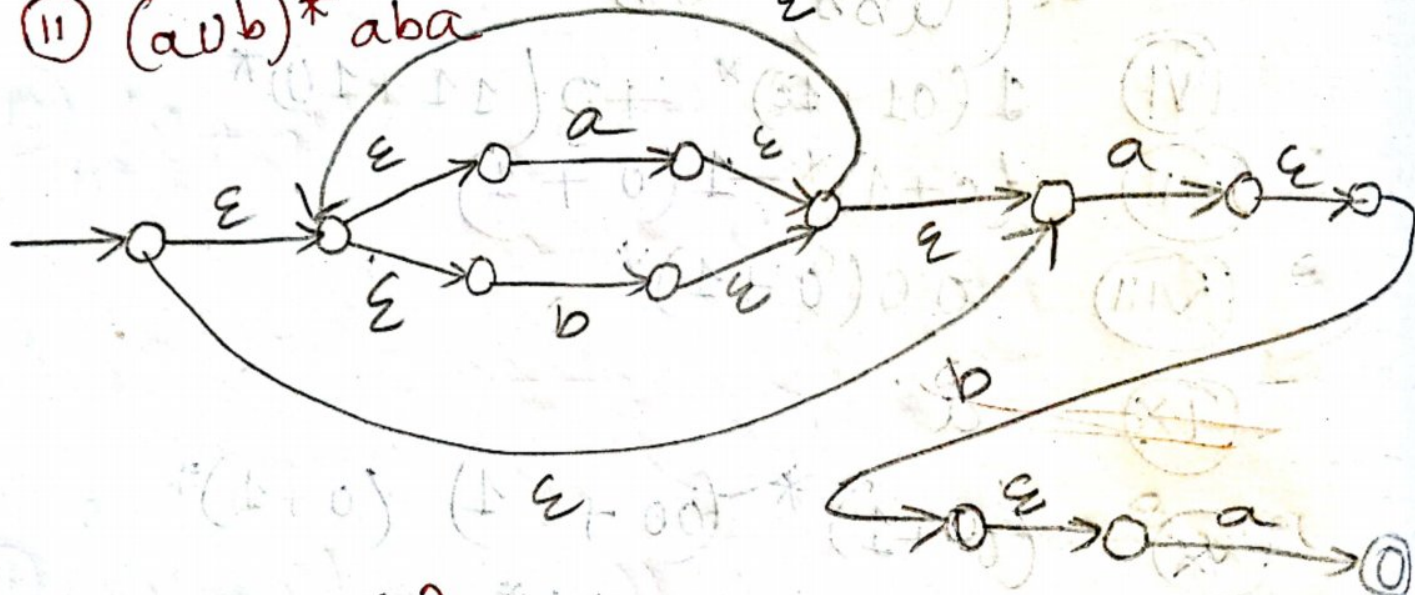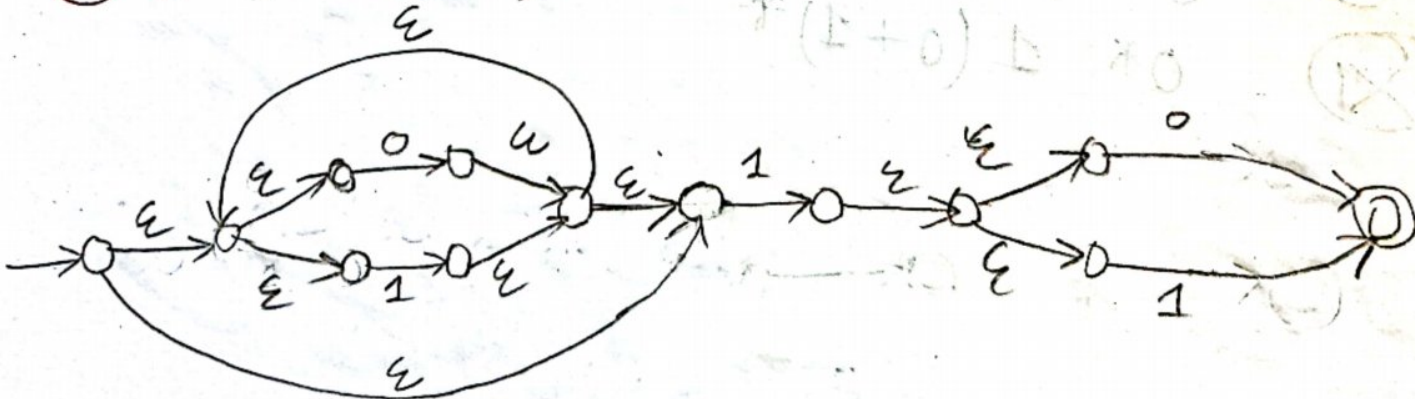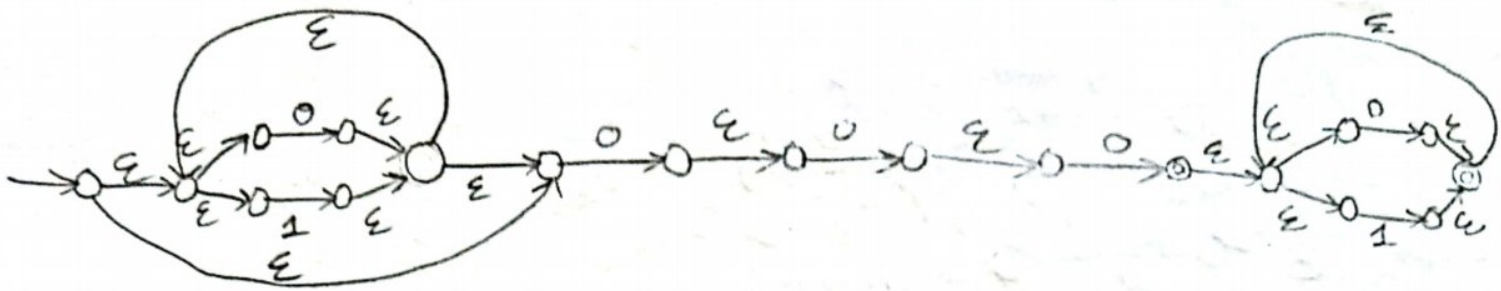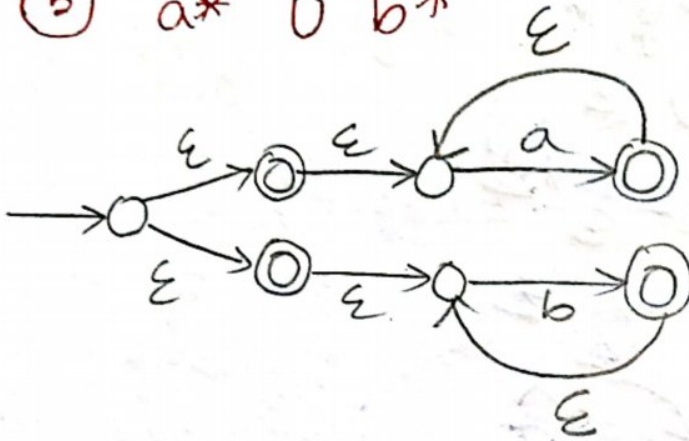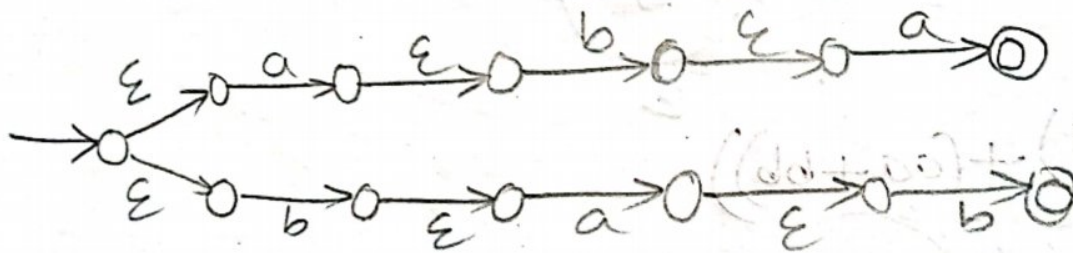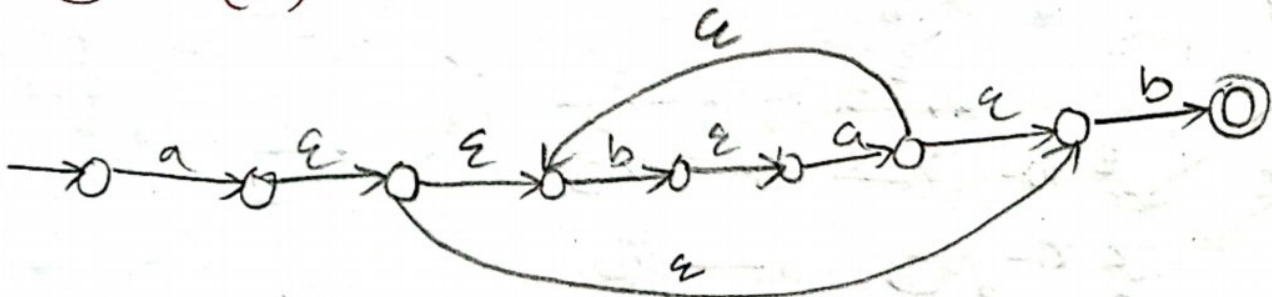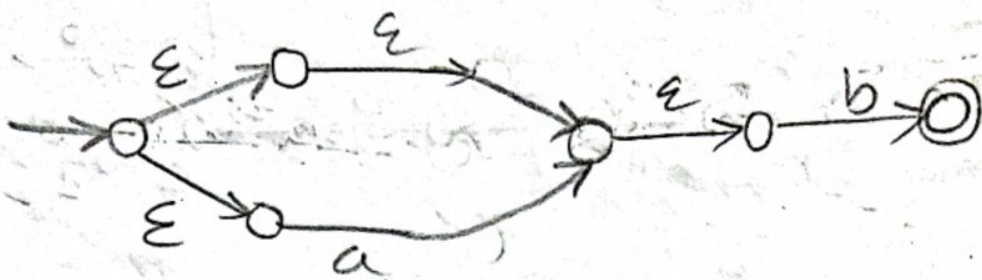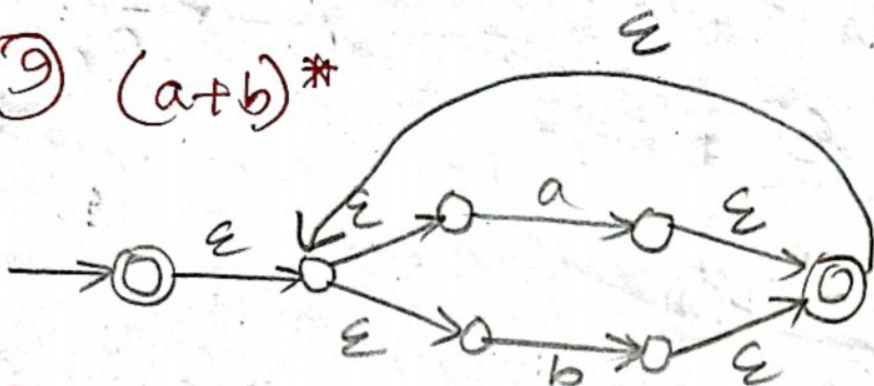㉑ $(a \cup b)^* (aa \cup bb)$

Regular Expression

ⅰ (ab ∪ a)*

ⅱ (a∪b)* aba

ⅲ (0+1)* 1(0+1)

④ (0U1)* 000 (0U1)*

⑤ a* U b*

⑥ aba U bab

⑦ a(ba)* b

(8) $(\varepsilon \cup a)\, b$

(9) $(a+b)^*$

(10) $(a^* + b^*)^*$

(11) $\left((a^* + b^*) + (aa + bb)\right)$

(12) (a∪b)* aba | a*b*

(13) (0+1)* (00+11) (0+1)*

(14) 00(0+1)*

(15) (a∪b⁺) a+ b⁺

16| $1(01+10)^* + 0(11+10)^* 1$

17| $0^* 1^* 0^*$

18| $0^* 1(0+1)^*$
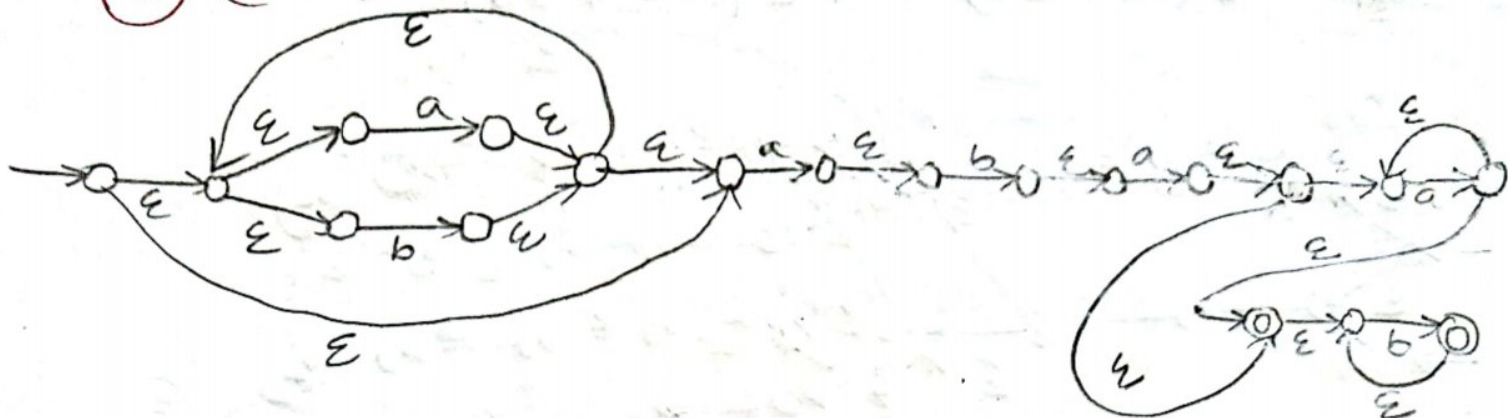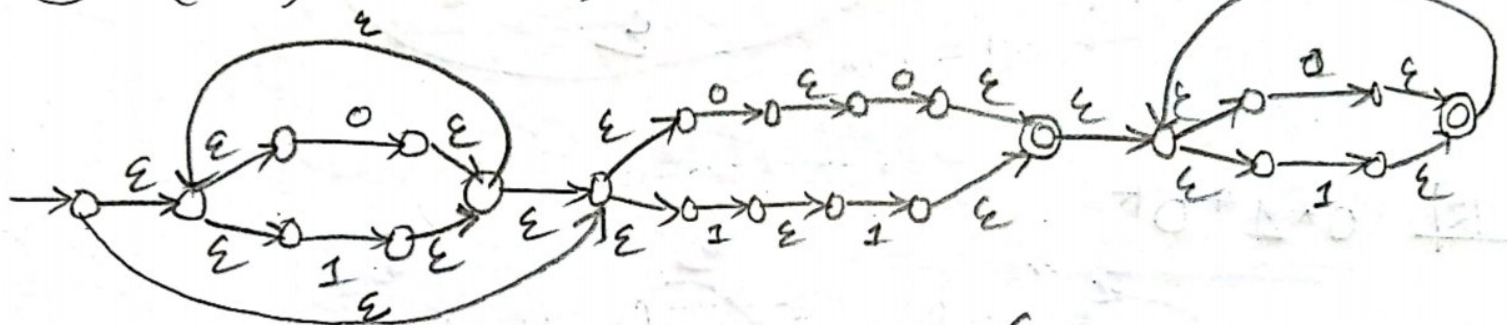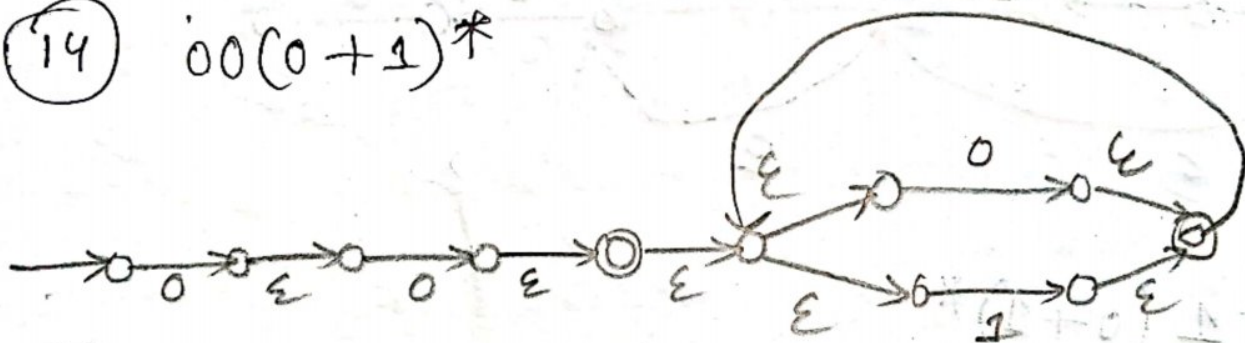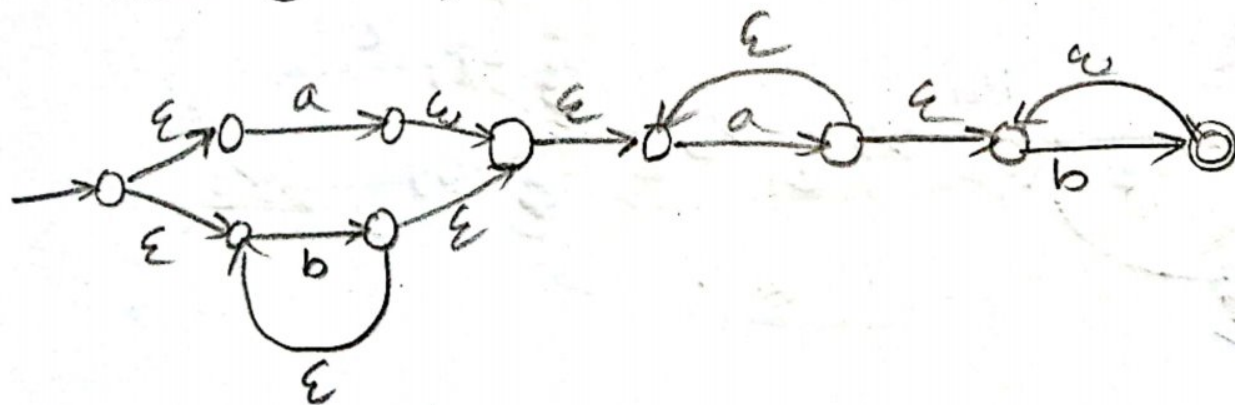
19) $a \cdot (abb)^* \cup b$

20) $(a \cup b)^+ a + b^+$

21) $(a \cup b)^* (aa \cup bb)$

① $0 \Sigma^* 1$

④ $a + b + c +$