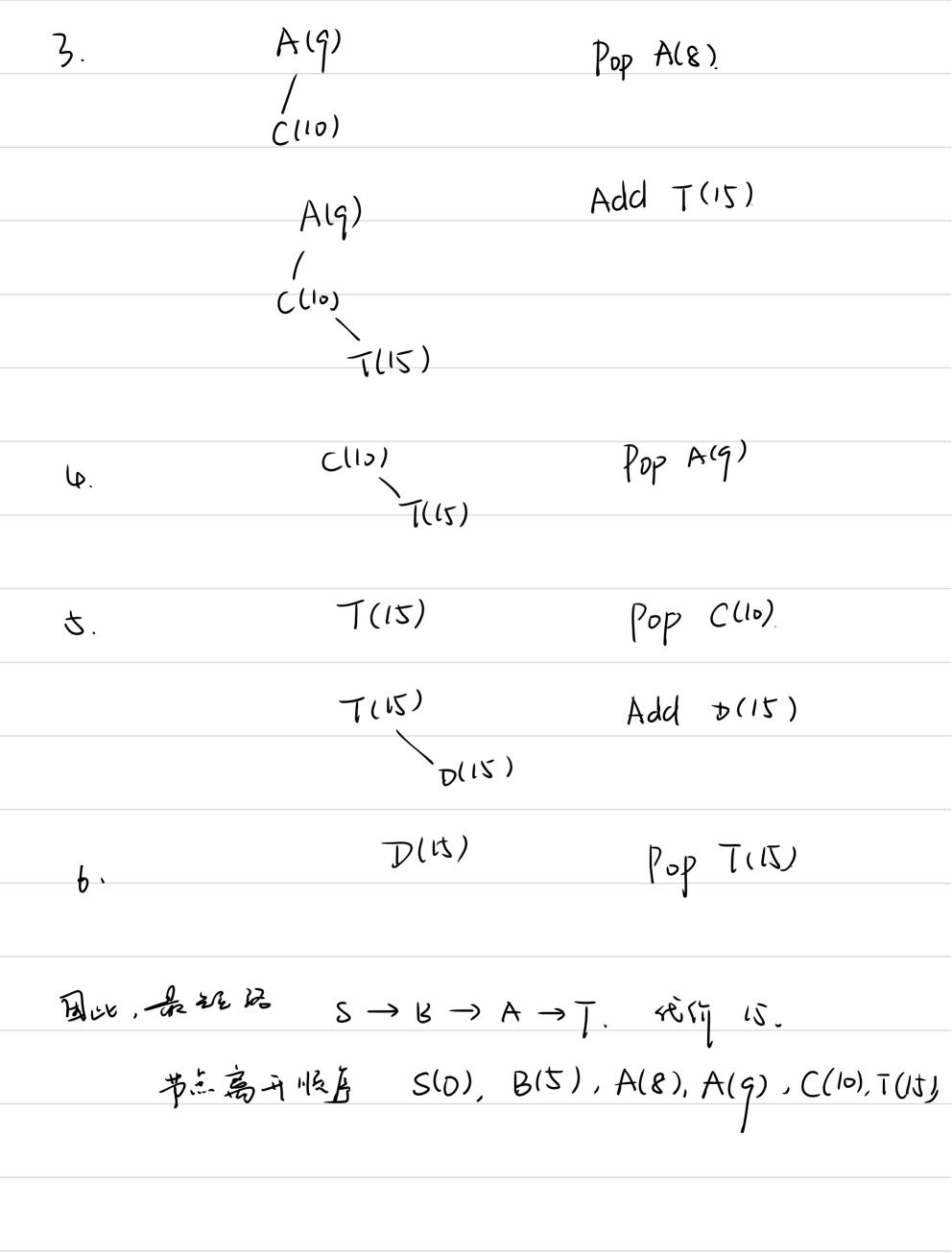
```
(b) \bigwedge_{i=1}^{N} \left( \bigvee_{j=1}^{K} \text{hcolor}_{i_1} \wedge \text{hcolor}_{i_2} \wedge \cdots \wedge \neg \text{color}_{i_{j-1}}^{i_{j-1}} \wedge \text{color}_{i_j} \wedge \neg \text{color}_{i_{j+1}}^{i_{j-1}} \wedge \cdots \wedge \neg \text{color}_{i_{k}}^{i_{k}} \right)
     (c) \bigwedge^{1} \bigwedge^{1} \bigcap (color_{it} \land color_{jt}) \bigvee^{1} neighbor_{ij}
     (d) \left( \bigwedge_{i=1}^{n} \left( \bigvee_{j=1}^{k} \operatorname{color}_{ij} \right) \right) \bigwedge
              ( N ( V ticolor; Ancolor; A... A 7 color; ) A colorig A T colorig )
              (\lambda \lambda \rangle (colorit \colorit) \rangle \rangle neighbor ij
                                                                                  事件
Z(a)时间
                优先队到
                                  S(o)
                                                                               Add 5(0).
         0
                                                                               Pop S(0).
                                  A(9)
                                                                              Add A(9)
        1
                                  B(2)
                                                                              Add B(5)
                                  Alg)
                                     B(5)
                                                                             Add (10)
                                 /
<u>۸</u>(۹)
                                      ((lo)
                                  A-19)
                                                                               Pop B(J)
     2.
                                      (8)A
                                                                               Add A(8)
                                                     alo)
```



```
H(x,y) = \max\{17 - x[, 15 - y]\}
   (b)
          祖由: 近国切时驾长记台, 跑观察, 任一边 cost 神之两三 可切的驾长记备
                 国的病是一致性和可能之性。
3.
                   X = 7 @
C.: 7 X. V X2 VX4
C2: X1 V X3
Cy: " XL V " XL
C4: 7 x4 V 7 X1 V X2
C5 : X3 A 3 X1
C6: 773 V7X+ VX+
C7: X, V X4
Cs: - X2 VX,
Cg: 7 X3 V 7 X2
```

4.

△: max

∵: win

