```
# COMP9315 14s2 ... Q6

Initial
[0] -
[1] -

(a) Before insertion of E    d = 1, sp = 0
[0] A,C
[1] B,D

(b) After insertion of E    d = 1, sp = 1
[0] E
[1] B,D
[2] A,C

(c) Before insertion of J    d = 1, sp = 1
[0] E,H,I
[1] B,D,G
[2] A,C,F

(d) After insertion of J    d = 2, sp = 0
[0] E,H,I
[1] D,G,J
[2] A,C,F
[3] B

(e) Before insertion of O    d = 2, sp = 0
[0] E,H,I -> L
[1] D,G,J -> N
[2] A,C,F -> M
[3] B,K

(f) After insertion of O    d = 2, sp = 1
[0] E,L
[1] D,G,J -> N
[2] A,C,F -> M
[3] B,K
[4] H,I,O

(g) Before insertion of T    d = 2, sp = 1
[0] E,L,S
[1] D,G,J -> N,P
[2] A,C,F -> M,Q
[3] B,K,R
[4] H,I,O

(h) After insertion of T    d = 2, sp = 2
[0] E,L,S
[1] D,G
[2] A,C,F -> M,Q,T
[3] B,K,R
```

```
[4] H,I,O
[5] J,N,P
```