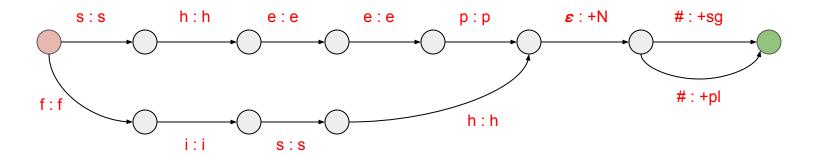Most probable path:
B3 → B3 → B2

The solution can have different number of states, but the transitions should be appropriate.

s : s   h : h   e : e   e : e   p : p   ε : +N   # : +sg

f : f

i : i   s : s   h : h

: +pl

The_O complex_NN houses_VB married_JJ and_O single_JJ soldiers_NN and_O their_PRP families_NN ._O   [4 marks]

I_PRP shot_VB an_O elephant_NN in_IN my_PRP pajamas_NN ._O   [4 marks]
How_RB it_PRP got_V into_IN my_PRP pajamas_NN I_PRP will_VB never_RB know_VB ._O   [4 marks]

*will_O will also be ok.

Any mistake will fetch zero marks in the respective sentence.