

because the inputs of CMOS switches do not take input current. To prevent building a latch, you need to make sure that the output is always driven.

7. In logic built out of relays, are floating outputs ok? Why or why not?

Since relays are activated by current, a 1 must be a path that can supply current. If the output is left floating, there will not be a path for current. Thus, a floating output is the same as a zero. For relays there is not need to drive a zero value. It is ok just to leave the output floating.