All of the $\kappa {\rm 's}$ should be uncountable and regular.

Hint. For problem 1, do a construction where it is easy to see that each node cannot be extended too far.

Hint. For problem 2, use problem 1 and some glue.

Hint. For 3. Don't be intimidated by the *. Assume that for every node t there is an ordinal α such that for all s > t, $ht(s) < \alpha$. Get a contradiction.

 $4,\!5,\!6$ and 8 are very do-able.