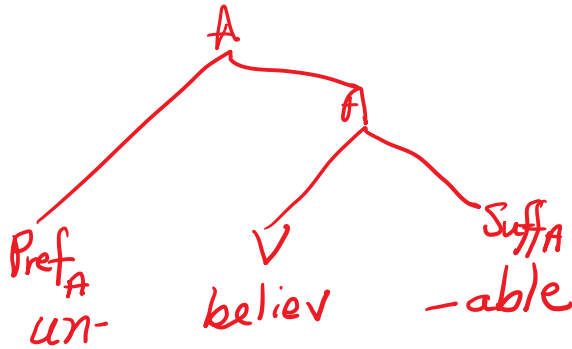


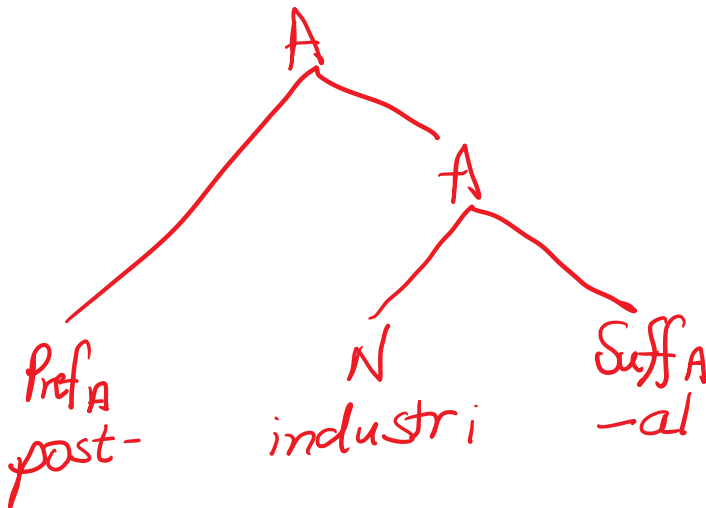
Quiz 4 **Answers**

1 Draw a tree to represent the morphological structure of each of the words in

- a *unbelievable*, as in *His claims were utterly unbelievable*.



- b *postindustrial*, as in *Their research area is postindustrial England*.

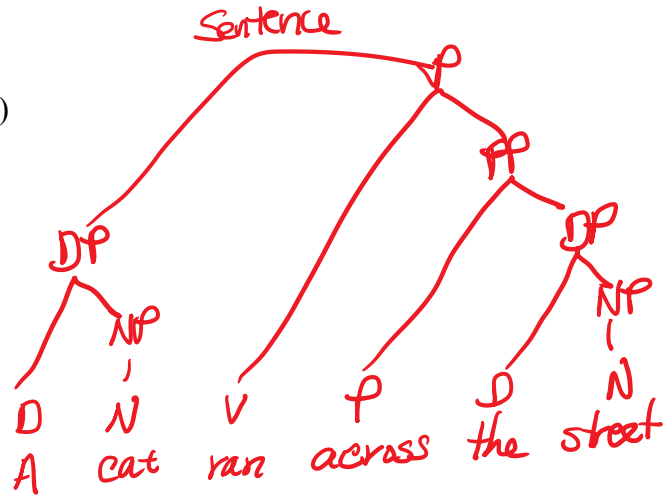


2. Given this phrase structure grammar

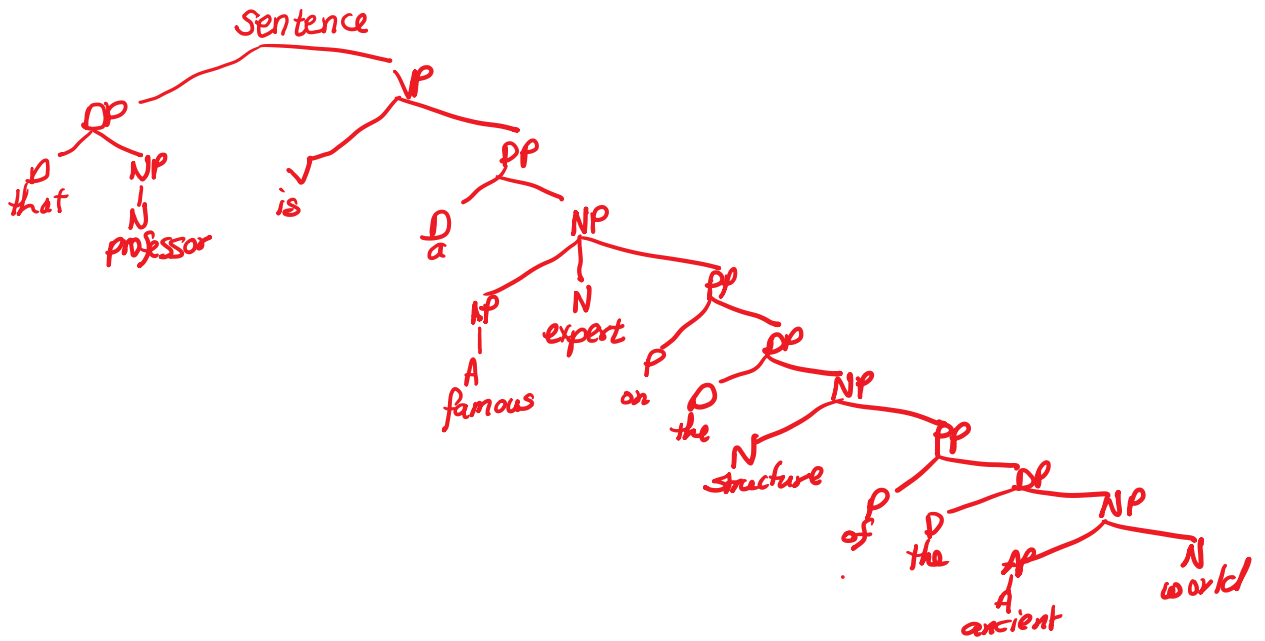
- Sentence \rightarrow DP VP
- VP \rightarrow V (DP) (AP) (PP)
- PP \rightarrow P DP
- DP \rightarrow D NP
- NP \rightarrow (AP) N (PP)
- AP \rightarrow (ADV) A

draw trees for

a. A cat ran across the street.



b. That professor is a famous expert on the structure of the ancient world.



3. This is the same grammar as in (2).

- Sentence \rightarrow DP VP
- VP \rightarrow V (DP) (AP) (PP)
- PP \rightarrow P DP
- DP \rightarrow D NP
- NP \rightarrow (AP) N (PP)
- AP \rightarrow (ADV) A

Modify this grammar so that it can generate these sentences

- i. The teacher believes the writer created an outlandish plot.
- ii. Those writers claimed the critics were unfair.
- iii. The queen thought the king said the prince stole the tart.

a. State your new or modified rule(s):

VP \rightarrow V Sentence

b. Draw a tree for (iii) using your newly modified grammar.

