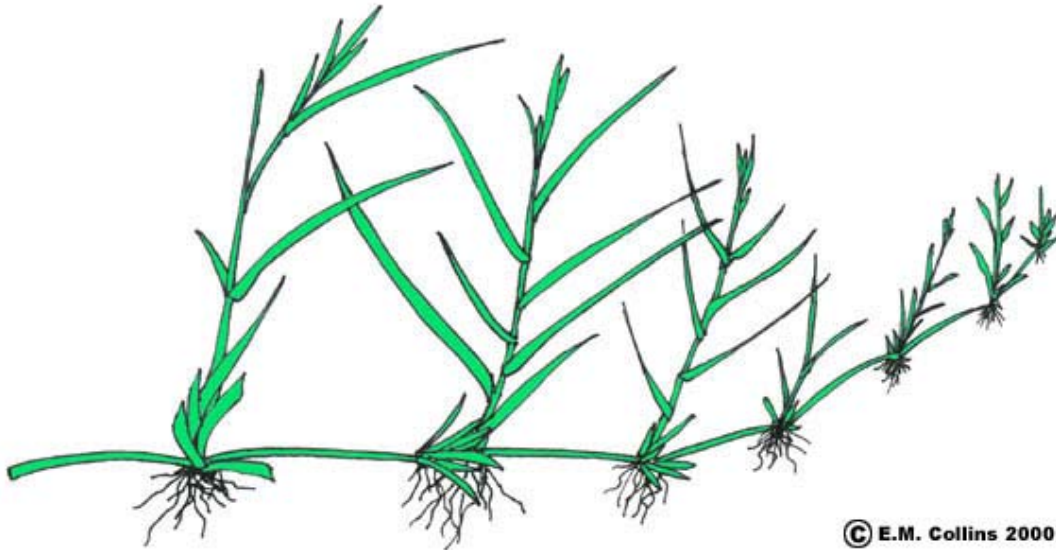
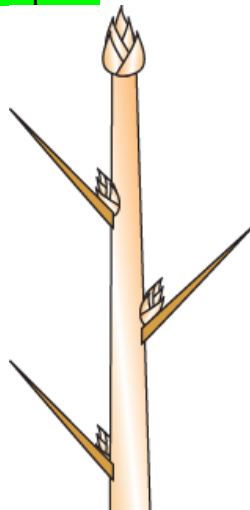


Some Sample Questions (with key) about Plant Modifications from Spring 2014.

1. The above-ground horizontal stem of this grass below is a ...
a. tuber b. tuberous root c. rhizome **d. runner** e. prop root



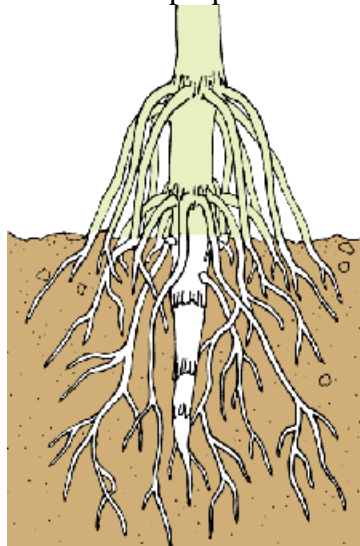
2. What are these pointy structures below?
a. prickles b. thorns **c. spines**



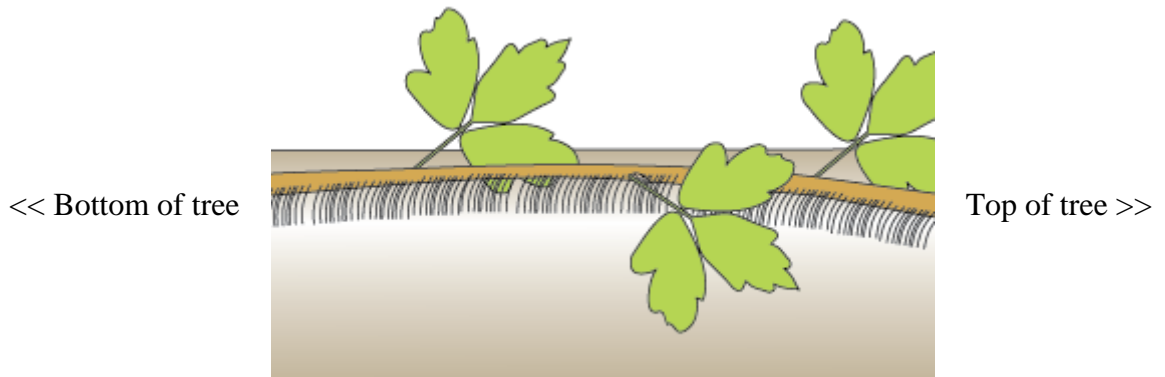
3. What are those numerous structures that buttress the upright mangrove below?
 a. tuberous roots b. axillary branches **c. prop roots** d. prickles e. thorns



4. What are those numerous structures at the base of the above-ground corn stem that buttress the upright corn plant below?
 a. tuberous roots b. adventitious roots c. prop roots d. A and B **e. B and C**



5. Poison-ivy is diagrammed horizontally below climbing a tree. The structures used by the vine to climb trees give the poison-ivy stem a “hairy appearance” but these are not hairs. What are they?
 a. tuberous roots b. leaves **c. adventitious roots** d. Stem branches



6. The juicy leaves of *Aloe* are said to be ...
a. succulent b. tuberous c. tubers d. cladophylls e. stolons



7. A tuber is primarily what (by volume)?
A. root
B. stem
C. leaf or leaves
D. None of the above.
8. A bulb is primarily what (by volume)?
A. root
B. stem
C. leaf or leaves
D. None of the above.