

BIOL 3427: Plant Science
Quiz 2, 29 January 2008

1. T/F: A flower with a fused corolla is considered more evolutionarily advanced than one with separate petals: True
2. Give one common characteristic of wind-pollinated flowers. drab in color, small or no petals, large feathery stigma, no odor, no nectar
3. Most secondary metabolites evolved in plants to prevent herbivory (being eaten)
4. A developing bean embryo gets all the food it needs from the cotyledons if a garden bean; endosperm if a castor bean. *Because this question was unclear, all students who took the quiz received a point for any or no answer.*
5. The protoderm produces the dermal system or epidermis.

Other answers were accepted if they were correct, but these were the ones I wanted.