**Plant Responses and Growth QUIZ**

1. What is Tropism? A plants response toward or away from a stimulus.
2. What do plant hormones control? (you only need 3 of the 5)

a. Tropism

b. Germination

c. Shedding of flowers & leaves

d. Formation of flowers, leaves & stems

e. Development of fruit

3. What happens to a plant during dormancy? The plant stops growth & development.

1. The plant in the figure is responding to what two types of stimulus?
2. Gravity
3. Light
4. Are the roots showing positive or negative response? Explain

Positive because they are growing towards the source of gravity.

1. \_\_C\_ Hormone A. a plant’s growth response toward or away from a stimulus
2. \_B\_\_ Auxin B. controls a plant’s response to light
3. \_\_A\_ Tropism C. a chemical that affects how the plant grows and develop
4. What determines the time of flowering in many plants? The amount of darkness a plant receives controls the time of flowering.
5. A \_\_stimulus\_\_\_\_\_\_ is anything in the environment that causes a response in an organism.