

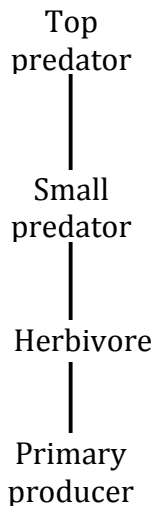
Quiz 11

Name \_\_\_\_\_

- 1) In the simple food chain to the right, what is its length? 3
- 2) Assuming top-down control, what would happen to the primary producer if the top predator were removed?
  - a. It would increase in biomass
  - b. It would decrease in biomass
  - c. Its biomass would be unchanged
- 3) What would happen if this food chain were in a much, much smaller ecosystem (e.g., imagine that this ecosystem is a forest that has been logged until it is a small fragment)?
  - a. A trophic cascade
  - b. The chain would lengthen
  - c. The chain would shorten
- 4) Succession during decomposition is best described by which model(s) of success?
  - a. Facilitation
  - b. Inhibition
  - c. Tolerance
- 5) Name one factor that strongly influences rates of leaf-litter decomposition.

Temperature, moisture, oxygen concentrations, litter quality, physical disruption

\_\_\_ / 5pts



Quiz 11

Name \_\_\_\_\_

- 6) In the simple food chain to the right, what is its length? \_\_\_
- 7) Assuming top-down control, what would happen to the primary producer if the top predator were removed?
  - a. It would increase in biomass
  - b. It would decrease in biomass
  - c. Its biomass would be unchanged
- 8) What would happen if this food chain were in a much, much smaller ecosystem (e.g., imagine that this ecosystem is a forest that has been logged until it is a small fragment)?
  - a. A trophic cascade
  - b. The chain would lengthen
  - c. The chain would shorten
- 9) Succession during decomposition is best described by which model(s) of success?
  - a. Facilitation
  - b. Inhibition
  - c. Tolerance
- 10) Name one factor that strongly influences rates of leaf-litter decomposition.

\_\_\_ / 5pts

