

14. This picture shows a butterfly and bees visiting a flower to obtain nectar.



Which process are these insects helping the plant carry out?

- (A) pollination
 - (B) germination
 - (C) seed dispersal
 - (D) photosynthesis
15. The caddis fly is an insect that can live in streams for months. When its body is more wormlike, this fly builds an underwater house from pebbles to protect it from predators. Which stage of metamorphosis is the fly in at this point?
- (A) egg
 - (B) adult
 - (C) larva
 - (D) pupa
16. Sharks can smell very small amounts of substances in ocean water. What does this physical adaptation most likely help sharks do?
- (A) sense water temperature
 - (B) find a place to lay eggs
 - (C) find a safe place to hide
 - (D) find food that is far away

17. Monarch butterflies migrate to warm places every winter. What is their migration an example of?

- (A) a trait
- (B) an instinct
- (C) a characteristic
- (D) a learned behavior

18. Sarai visits the local nature center. She sees a number of young animals. Which of the animals hatches from an egg?

- (A) a turtle
- (B) a cheetah
- (C) a dolphin
- (D) a bear

19. A mahogany tree produces seeds that look like the picture below.

Fan-like blades



Notice the blades on the surface of this seed. What role do these blades play in the life cycle of a mahogany tree?

- (A) protect the seed
- (B) end the plant's life cycle
- (C) store food for the seedling
- (D) help disperse the tree's seeds

20. Which of the following lists stages in the life cycle of a seed plant?

- (A) spore, reproduction, maturity
- (B) germination, maturity, reproduction
- (C) egg, larva, pupa, adult
- (D) germination, nymph, spore, death