

Subject- EVS

Class- V

Topic- The unique world of insects and animals

*Learn and write the following question answers-*

**Q1. How can we say that a dog has a strong sense of smell?**

A1. The sense of smell in a dog is far greater than most of the animals because the dog has two different air passages, one for breathing and another for smelling. They are able to store the smell in their nose even after breathing out the air. The nose of a dog is always wet. The mucus on the dog's nose helps it to smell by capturing scent particles.

**Q2. How do ants find their food?**

A2. Ants do not have well-developed eyes to see food but they have a strong sense of smell. A pair of antennae present on the head is used to smell. When an ant finds food, it leaves a chemical trail on its way for the other ants to follow. They keep this trail alive till all the food is collected.

**Q3. Write the characteristic sense that helps in searching for food, in the following animals, in terms of smell, vision and hearing.**

- A) Dolphin
- B) Snakes
- C) Housefly
- D) Whale
- E) Vulture

A3. (a) Dolphin — It uses echolocation to locate things/food.

(b) Snakes — They use a more accurate sense of smell for searching food.

(c) Housefly — They have compound eyes that have a strong sense of sight.

A compound eye has many small eyes to see in various directions.

(d) Whale — It uses echolocation to find its food.

(e) Vulture — It has a good sense of smell. It smells dead animals from a distance.

**Q4. Why cannot we catch a housefly easily?**

A4. Houseflies are very active. We cannot catch them easily because they have compound eyes. A compound eye has many small eyes that allow them to see in various directions at the same time. Eyes are located on their head, so they can see in all directions without turning their head.

**Q5. Put salt near some food containers. Will you find ants near these food containers. Why or why not?**

A5. When we put salt near the food containers, we do not find ants near them because salt penetrates the body or exoskeleton of ant and takes away the moisture from their body. This dehydrates them to death. Thus, we can protect food from ants by putting salt or spraying salt water near the food containers.

**Q6. What food is served to the following animals by human beings?**

- A) Ants
- B) Cow
- C) Birds
- D) Monkey

A6. Food served by human beings to the animals are —

- (a)Ants — People give ghee,sugar and wheat flour to the ants. They scatter it at the home of ants (colonies of ants).
- (b)Cows — People give chapatis and bread to cows.
- (c)Birds — People scatter grains on the ground for the birds to feed.
- (d)Monkeys — People give bananas to monkeys.

**Q7. What is the role of the following ants?**

- A) Male ant
- B) Queen ant
- C) Soldier ant
- D) Nursery worker ant

A7. The role of the ants are —

- (a)Male ant — Their only role is to mate with the queen ants and they die shortly after mating.
- (b)Queen ant — The queen ant is the mother of all the other ants in a colony. The task of the queen ant is to lay eggs.
- (c)Soldier ant — It guards the opening of the nest to prevent enemies from entering the nest.

**Q8. Why should we arrange food for people who are hungry and poor?**

A8. Caring is a good deed and a noble endeavour. Since, poor people have inadequate nutrition they are at high risk of diseases. They lack access to proper healthcare and basic amenities or essentials for living. To prevent this, we should —

- (a)Provide nutrient rich meals
- (b)Donate groceries to end hunger
- (c)Donate food from hotels, restaurants, etc., instead of disposing it off .This can help fill stomach of poor and hungry people and make them healthy.
- (d)Organise more community langars which will help the poor and hungry

people.

(e) Treat them with love and respect to build their confidence.

**Q9. What problems do we have due to noise?**

A9. The problems caused due to noise are as follows—

(A) High levels of noise pollution

(B) High stress level

(C) Sleep disturbances

(D) Hearing loss

(E) Poor concentration

(F) Fatigue from lack of sleep

**Q10. Why should we not make noise?**

A10. We should not make noise because it leads to high levels of noise pollution and also creates disturbance for other people.

**Q11. Why are trained dogs used in intensive search operations?**

A11. Trained dogs are used in intensive search operations because the sense of smell in dogs is excellent and far greater than most other animals. The sense of smell is strong in dogs because they have two different air passages. One for breathing and the other for smelling which helps them to store the smell of something for long in their nose even after breathing out air with the help of mucus found in it.

**Q12. Like bats, which are other animals that can see in the dark?**

A12. The animals that can see in the dark other than bats are owls, mice, cats, red foxes and insects like mosquitoes, cockroaches and bugs.

**Q13. Why do ants always move in a row?**

A13. Ants always move in a row because they do not have well-developed eyes but have a strong sense of smell. They use their antennae to smell. When an ant finds food, it leaves a chemical trail for other ants to follow. Other ants follow and keep this trail alive till all the food is collected.