

Important Questions Class 7 English An Alien Hand Chapter 1

Question 1. Elaborate on the queen ant and mother ant..

Answer 1. The queen ant or the mother ant is the founder of the colony. Because she looks after all the other ants in the family, the queen ant is often referred to as the mother. After the wedding flight, she bites her pair of wings and typically flies on a steamy summer day: she leaves the nest and flies high in the sky to meet the drone, a male ant. Furthermore, the queen ant bites the wings after returning to earth, then lays eggs and the worker ants are responsible for the harmonious operation of the colony..

Question 2. What to expect after the queen ant lays eggs?

Answer 2. Once the queen ant lays her eggs, the eggs grub, hatch or the larvae come out of it. Later, the soldier ant will guard them, and the worker ants will clean and feed them. Working ants are responsible for daily exercise, air, and the sunshine. After the three weeks, grubs convert into cocoons and then live without any activity and food for the other three weeks. After three years, cocoons break and become ants.

Question 3. What have we humans learned from the ants?

Answer 3. Humans have learned many things from these tiny little creatures called ants by simply observing them. It includes discipline, a sense of responsibility, cleanliness, hard work, and caring for their young ones deeply. Learning loyalty towards your people is essential, and to be loyal to the land where we live.

Question 4. What other creatures live in the anthills?

Answer 4. Many creatures live in the anthills, such as greenflies, beetles, and lesser breeds. The ants allowed them to live in their houses for numerous reasons. However, some insects provide sweet juices; few have pleasant fragrance.. Some ants only play like the pets of humans. Greenfly is known to be an ant's cow as they are trained to give honeydew with a simple touch to their antennae.

Question 5. What happens once the cocoon is broken?

Answer 5. Once the cocoon is broken, the perfect ants come into existence. After that, they receive training. Further, they learned about their responsibilities from the old ants about cleaners, soldiers, workers, and boulders. The soldier ants will train the newly born to be soldiers, and the worker ants will teach them to be workers. They are prepared to start working outside after a few weeks or months of practice.

Question 6. What are the different types of rooms in the anthill?

Answer 6. There were numerous rooms of different types in the anthills:

- Separate rooms for the queens where they can lay their eggs.
- Reserved quarters for the workers.
- Some rooms are occupied as storehouses.
- Barracks for the soldier ants.

Question 7. How is an ant's life peaceful?

Answer 7. Ants never interfere in others' domain, as they have fixed work and multiple responsibilities. In this manner, they certainly live their life in peaceful coexistence, and the worker ants never go to live in barracks of soldiers. Further, the soldier ants search for other resources, and the worker ants never harm the soldier ants.

Question 8. Where did the grubs used to live?

Answer 8. Nurseries were the residence of grubs. It simply means a child's room; there were fixed rooms for grubs after the queen lays eggs.

Question 9. Did ants fight with each other?

Answer 9. They do not fight each other as their working domains are well differentiated. The ant performs their work bravely and intelligently.

Question 10. What is the lifespan of queen ants?

Answer 10. The queen ant usually lives up to fifteen years. Later the queen ant becomes the mother of all ants and belongs to a particular community.

Question 11. Why do people pet ants?

Answer 11. The tiny ants are the commonest, wisest creatures and we can learn a lot about their life, through their team work, how they lay eggs, types of ants, anthill, grub and much more. Like any other pets, such as cats and dogs, people pet ants to observe their daily activities and their inherent traits like intelligence, discipline, hard work, and sincerity.

Question 12. How do the ants talk to each other?

Answer 12. Ants use their antennae or feelers to talk to each other. They usually pass their messages to others by using these feelers.

Question 13. What are the different types of ants?

Answer 13. There are three different types of ants, such as Queen or mother ant, worker ant and soldier ant. Each of these ants have well defined functions and the queen ant is the largest ant and lays eggs.

Question 14. What jobs are new ants trained for?

Answer 14. The worker ants train the new ants on the jobs of workers, soldiers, builders, and cleaners.

Question 15. What issues might you encounter if you keep ants as pets?

Answer 15. If one keeps ants as pets, we may face the following problems:

They might eat and destroy eatables like sugar, rice, sweets etc.

Ants are likely to spoil safe drinking water.

Ants enjoy eggs and meat if it's left in the open. It must be stored safely.

They attack kitchen cabinets and other places if we leave sweets, cookies and dry nuts unattended.

Ants may spoil the cooked or uncovered food and lastly, insect bites are quite severe and must keep away from them.

Question 16. Complete the following sentences.

1. i) An ant is the tiniest, _____
2. ii) We know several facts about an ant's life due to _____

Answer 16.

1. i) An ant is the tiniest, **commonest, and wisest insect we have seen.**
2. ii) We know several facts about an ant's life since there are **people who have kept ants as pets and have watched them closely.**