



Chapter -1 THE TINY TEACHER

INTRODUCTION

Man has learnt as much as ants have but he has not used his learning in the right manner. He still has to learn many things like hard work sense of duty and discipline and loyalty to the motherland from this tiny teacher.

Pre-Knowledge Question

Ques.1 From where will you get knowledge?

Ans. we get knowledge from books, net, elders and teachers.

Ques.2 What do you learn from teachers?

Ans. We learn good things, moral values etc.

Ques.3 Have you ever thing to learn from ant.

Ans. No, we never thing to learn from ant.

VERY SHORT QUESTION ANSWER

Ques.1 How long does it take for a grub to become a complete ant?

Ans. It takes five to six weeks for a grub to become a complete ant.

Ques.2 Why do the worker ants carry the grubs about?

Ans. Workers ants carry the grubs about for daily arising exercise and sunshine.

Ques.3 What jobs are new ants trained for?

Ans. New ants earn the duties of workers cleaners, soldiers and builders from old ants.

Ques.4 Name some other creatures that live in anthills?

Ans. The greenfly, beetles, lesser breeds of ants, etc are some of the creatures who live in anthills.

SHORT QUESTION ANSWER

Ques.1 Complete the following sentences

1. An ant is the smallest but the wisest insect.
2. We know a number of facts about an ant's life because some people have kept ants pets and have watched their daily behaviors closely.

Ques.2 In what ways is an ant's life peaceful?

Ans. An ant's life is peaceful because each ant does it work intelligently and bravely and never



fighters with other ants of the same group. Each does its own work and does not interfere in the other's work so ants live together in peace and harmony.

Ques.3. The story of an ant's life sounds almost untrue. The italicized phrase means.

- a. Highly exaggerated
- b. Too remarkable to be true
- c. Not based on facts

LONG QUESTION ANSWER

Ques.1 Mention three things we can learn from the tiny teacher'. Give reasons for choosing these items.

Ans. We can learn things like hard work, sense of duty and loyalty to the motherland from this tiny teacher.

Hard work makes the life of an ant so organized and good. If we want to lead a proper life we must never shy away from hard work, sense of duty is very important because if everyone does his/ her work sincerely, there will be no chaos. The most important is a firm loyalty to the land where one lives we must always be loyal to our people and our country.

Ques.2(a). What problem are you likely to face if you keep ants as pets?

Ans. a. If we keep ants as pets, we are likely to face the following problems

- i. they may fall in our cooked and uncooked food and create problem.
- ii. They may eat and destroy our eatables like sugar, vegetables, fruits, sweets etc.
- iii. They bite us and may severely harm especially new — born babies
- iv. Since the wall — lizards eat ants, the number of wall lizards may increase at home which may create problem for us.

(b). When a group of bees' finds nectar, it informs other bees of its location, quantity etc through dancing can you guess what ants communicate to their fellow ants by touching one another's feelers?

Ans. b. The ants may communicate the location of the food dangers in their way and the arrival of other ants from opposite direction to their fellow ants by touching one another's feelers

Ques.2. Complete the following poem with words from the box below. Then recite the poem

Hole
Kennel
Nests
Anthill
Stable.

Soldiers live in barracks

And birds in nests.

Much like a snake that rests in a Hole.

No horse is able to sleep except in a stable.



And a dog lives well
Mind you, only in a kennel.
To say 'Hi' to an ant if you will.
You may home to climb an anthill.

WORD MEANING

WORD

1. Unbelievably
2. Anthill
3. Nurseries
4. Reserved
5. Quarters
6. Barracks
7. Grub
8. Cocoon
9. Seldom
10. Drone

MEANING

- Surprisingly
Nest of ants
Rooms meant for small babies
Secured
Houses
Houses of soldiers
Baby ant
Protective
Sometimes
Male ant

HOTS QUESTIONS ANSWERS

Ques.1 How is the home of ants organized?

Ans. Every anthill has hundreds of little rooms and passages. Rooms are reserved for each member of the community. Rooms for the queen ant to lay eggs, nurseries for the young ones, quarters for workers, stores houses for food and barracks for soldiers are all these.

Ques.2 what are some of the qualities of an ant?

Ans. An ant is a hardworking, intelligent and loyal creature. Ants talk to each other by touching their feeless passing messages through them. They are red or black ant is the commonest type of ant. On a hot summer day ant is the flies up in the air to meet a male out. This is called her wedding flight.

VALUE BASED QUESTION

Ques.1 "An ant's life is very peaceful than human being" explain.

Ans. An ant's life is very peaceful. Ants have comfortable homes called 'nests' or 'anthill'. Each has hundreds of little rooms and passages. In some of these rooms the queen ant lays eggs. Other are nurseries for the young ones. Workers have their reserved quarter. They spend most of their time searching for food. No worker has ever tried to live in a soldier's house, No soldier have ever gone out searching for food. No soldier or worker or clearer has ever harmed a grub. Each does its share of work intelligently and bravely, and never fight with other members of group and they live peacefully.



ACTIVITY

Make a list of ant's qualities which you learn from it.

Ans. 1. Hard worker

2. Peaceful

3. intelligent

4. Tiny

5. Respectful

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Chapter - 2 BRINGING UP KARI

INTRODUCTION

Karl was a baby elephant. He was five months old when he was given to his nine years old friend to be taken care of. They lived and grew up together. Karl's home was a pavilion under a thatched roof resting on thick tree stumps. One day Karl pushed his friend into the stream to save a drowning boy. Since, Karl himself could not pull out the boy from the riverbed, so he pushed his friend into the stream. The most important thing that an elephant must learn is the master call. An elephant takes five years to learn it. It is a strange combination of hissing and howling sound, which must be made in his ear. Just give your elephant a master call. We will pull the trees, fight away the animals and make a way for a your straight to your home.

PRE- KNOWLEDGE QUESTION

Ques.1 Do you friends?

Ans. Yes I have friends.

Ques.2 Who is your best friends?

Ans. Is my best friend.

Ques.3 Do you think that a animal can be a friend.

Ans. Yes/no

WORD MEANING

WORD

1. Pavilion
2. Thatched
3. Bumped
4. Squeal
5. Trumpet

MEANING

- A large tent
soft - covering
Collided
cry
elephant cry

VERY SHORT QUESTION ANSWER

Ques.1 What was Kari's favorite food?

Ans. Kari loved fruits especially bananas to eat.



Ques.2 Who was the bananas thief?

Ans. Karl was the bananas thief.

SHORT QUESTION ANSWER

Ques.1. The enclosure in which Karl lived had a thatched roof that lay on thick tree stumps. Examine the illustration of Karl's pavilion in the book and say way it was built that way.

Ans. The thatched roof of the pavilion in which Kari lived rested on thick tree stumps so that the roof did not fall in when Karl bumped against the poles as he moved about.

Ques.2. Did Karl enjoy his morning both in the River? Give a reason for your answer.

Ans. Yes, Karl enjoyed his morning bath in the river. Karl lay for a long time in the river and on the sand and lay, his friend, the author, rub his back. In addition, he squealed with pleasure when his friend rubbed water down his back. Therefore, we know that Karl enjoyed his bath.

Ques.3. Finding good twigs for Karl took a long time. Why?

Ans. Kari liked to eat only the most delicate and tender twigs. Therefore, his friend had to climb all kinds of trees to get twigs and saplings for him. Kari did not touch twigs that were mutilated hence collecting good twigs for Karl took a long time.

Ques.4. Why did Karl push his friend into the stream?

Ans. Karl pushed his friend into the stream to save a drowning boy. Since Karl himself could not pull out the boy from the river bed, so he pushed his friend into the stream.

Ques.5. Kari helped him to eat the bananas in the house without anyone noticing it. How did he do it?

Ans. Karl used his trunk to steal the bananas from the table in the dining — room. He would put his trunk through the window in the dining- room and disappeared with the bananas without attracting anyone's attention

Ques.6. Kari learnt the commands to sit and to walk. What was the instruction for each command?

Ans. To make him sit his friend pulled Karl-by his ear and said 'Dhat'. To make him walk he pulled his trunk forward and said 'mall'.



LONG QUESTION ANSWER

Ques.1 Kari was like a baby. What are the main points of comparisons?

Ans. The author compares Kari with a baby because his call was more like that of a baby than an elephant. He had to be trained to be good like a baby. If he was not told when he was naughty, he was up to more mischief he understood words like children do. In addition, he had to be taught to sit down, walk when to walk fast and when slow just like a child.

Ques.2 What is “the master call”? Why is it and most important signal for an elephant to learn?

Ans. The master call is a strange hissing, howling sound, as if a snake and a tiger was fighting each other. It is the most important signal for an elephant to learn because whenever you are in trouble, one master call will bring your elephant to you.

HOTS QUESTION ANSWERS

Ques.1 How did Karl save the life of the boy?

Ans. When Karl saw the boy floating near the riverbed he called his friend and pushed him into the water. When his friend pulled the boy up Kari peat his trunk around there and pulled them to the shore. Thus Karl saved the life of the boy.

Ques.2 Why is it important to teach an elephant to sitdown?.

Ans. Elephant grow tells then their keepers. Their back can only be reached with the help of a ladder since it is not possible to always carry about a ladder, an elephant must be taught to sit down.

Ques.3 How do we know that elephant are proud animals?

Ans. When Karl was scolded for stealing fruits, he realized his mistake and his pride was so hurt that he never repeated the mistake again. Elephants accept punishment if they have done something wrong. However, if punished for no reason, they feel insulted to take revenge.

VALUE BASED QUESTION -

Ques.1 Animal have brain and emotion to how can you understand by this chapter. What qualities we can learn from kari. Can we learn good things from animals also.

Ans. There is no doubt that animals have brain and emotions also. Kari is like a small child. He learnt when to sit down, when to walk, when to go fast and when to go slow. As author says “dhat” and pull him by the ear he will gradually learn to sit down. And when he says ‘mail’ and pull his trunk toward, he will gradually learn that it is the signal to walk. When a boy was under water he stretch out his trunk again and raised up his hand to catch it and saved a boy’s life. Of course we can learn good things from animals also. As kari the five months old, the friend at author. He saved a boy’s life and keen to learn.



ACTIVITY- Story Telling

The student will come on podium tell the title of the story and brief story about Karl and how he saved the boy. In your own words.

Karl was a baby elephant. He was five months old when he was given to his nine years old friend to be taken care of. They lived and grew up together. Karl's home was a pavilion under a thatched roof resting on thick tree stumps. One day Karl pushed his friend into the stream to save a drowning boy. Since, Karl himself could not pull out the boy from the riverbed, so he pushed his friend into the stream. The most important thing that an elephant must learn is the master call. An elephant takes five years to learn it. It is a strange combination of hissing and howling sound, which must be made in his ear. Just give your elephant a master call. We will pull the trees, fight away the animals and make a way for a straight path to your home.



CREATING LEADERS

Chapter - 3 THE DESERT

INTRODUCTION

SUMMARY

A desert is a vast stretch of barren land. It has very little vegetation and little or no water. In India, we have the Thar Desert, which is a huge stretch of sandy land. Wherever you go, you will find sand all around. Desert can also have a vegetation of their own — plants like cactus and animals like the camel are found mostly in desert. At Some places in the desert, a water pond surrounded by a green patch of land can be seen. It is called an Oasis. A desert should not be seen as an ugly piece of land sometimes the landscape of a desert could be very beautiful.

PRE- KNOWLEDGE QUESTION

Ques. Can you imagine your life without water?

Ans. No.

Ques.2 Still we waste a lot of water for washing clothes, car, and brushing etc. how can we save water?

Ans. we should not waste water of washing car or tap should be closed while not using and use less water for washing clothes.

Ques.3 Have you can or feel desert life like where is less water?

Ans. yes/no

WORD MEANING

Word	Meaning
1. Wastelands	A land that cannot be cultivated
2. Vegetation	Greenery cover of a place
3. Patch	Area
4. Mounds	Big heaps
5. Moisture	Wetness
6. Variations	Change
7. Absorb	Soak up
8. Humid	Containing moisture

VERY SHORT QUESTION ANSWER

Ques.1. What is an Oasis?

Ans. An Oasis is a green patch of land in the middle of a desert where a spring as well as is surrounded by trees and plants.



Ques.2. What are sand dunes?

Ans. Sand dunes are heaps of sand that are blown about and deposited across the desert by the strong wind.

SHORT QUESTION ANSWER

Ques.1 a. Pick out two phrases, which describe the desert, as most people believe it is.

Ans. a. i. The popular belief is that it is an endless stretch of sand where no rainfalls and, therefore, no vegetation grows
ii. It is dry, not water less and without shelter.

Ques. b. Now pick out two phrases, which describe the desert as specialists see it.

Ans. b. i. It is the name of a variety of people, animals and plants that have learnt to live under very hot and dry conditions.
ii. But whenever it rains, which is rare, desert flowers bloom and the sight can be as rewarding as that of any tropical garden.

Ques.c What do you think is an apt description and why?

Ans. c. According to me, the description given by specialist is more apt because the description given by them is based on facts they have themselves seen in deserts. On the other hand, the popular belief goes by first hear say and cannot be trusted much.

Ques.2 How do the smaller desert animals fulfill their need for water?

Ans. The smaller desert animals either eat other animals and get the water they need from the moisture in the meat or they eat plants and seeds and get the water they need from plant juices.

LONG QUESTION ANSWER

Ques.1 A camel can do without water for days together what the reason is given in the text.

Ans. Camel can do without water for days together because they sweat very little. Sweating cools the body when it gets hot. Camels can stand a high body temperature so they do not need to sweat and can therefore retain the water they drink for a long period.

Ques.2 In a desert, the temperature rises during the 'day and falls rapidly at night. Why?

Ans. The air in desert lands is extremely dry. In humid climate, the moisture in the air acts as a blanket that protects the lands from the hot rays of the sun. In desert lands, this protecting covering is absent. Therefore, the land quickly heats up during the day due to the sun's rays and cools down equally fast at night.



Ques.3 Describe a desert in your own way. Write a paragraph and read it aloud to your classmate.

Ans. Same as summary

The phrases on the left in the following bcix occur in the text. Match each of them with a phrase on the right.

Ans.

A

1. An Enders stretch of sand
2. Waterless and
3. An Oasis
4. Hidden by a cover of glass

B

- Fertile place with water and plants in a desert 3
- Without shelter Not visible because the grass is thick 4
- Nothing but sand as far as one can see 1
- No water and no shade 2

HOTS QUESTION ANSWERS

Ques.1 Write the life style of people in desert area their food, clothes, work, social customs etc.

Ans. Life in a desert is full of hardships. Generally, people do not prefer to live in desert areas. The people who live in desert are mainly nomads who move from place to place in search of food and water. Here are the some facts about the life style of people living in desert area.

Food : The people of the desert areas mainly eat the roots of desert plants or the crops that they can grow. But their most important food is meat of animal.

Clothes : They were clothes made from the hairs of animal or animal skin.

Work: The main occupation of the desert people are hunting of animals and agriculture.

Social Customs: People living in desert had a nomadic life they have their own custom and tradition. They wear cloths made from the hair of animals or animals skin.

VALUE BASED QUESTION ANSWER

Ques.1 what is the popular belief about deserts? What is the truth?

Ans. the popular belief is that deserts are an endless stretch of sand where no rain falls and no vegetation grow.

The truth is that the deserts have vegetation but of a different kind. The plants and animals there have learned to survive in difficult conclusion. Deserts can also be very be very beautiful.

ACTIVITY

1. Write down five deserts name and paste their pictures.



The Atacama Desert



The Gobi Desert



The Namib Desert



The Thar Desert



The Sahara Desert