

Chapter -2

Chapter Name-About Animals

Exercises

A. Tick the correct options

1. d.; 2. c.; 3. a.; 4. a.; 5. d.

B. Fill in the blanks

1. wind pipe; 2. gills; 3. Insects; 4. flippers; 5. Plant-eaters; 6. Human beings

C. Define

1. Spiracles-small holes on the body of insects which help them to breathe is called spiracles

2. Forelimbs-The front limbs are called forelimbs.

3. Migration-seasonal movement of animals from one place to another is called migration.

D. Answer the following questions to briefly.

A1) Reptiles breathe through lungs.

A2) Salamanders breathe through moist skin.

A3) Two birds that cannot fly are emu and ostrich.

A4) Organ used by turtle for swimming is called flipper.

A5) The animal from which humpback whales escape by migrating is killer whale.

E. Long answer questions.

A1) The difference between breathing in a cow and fish are:-

Cow	Fish
1. Cow breathes through lungs.	1. Fish breathes through gills.
2. Cow takes in oxygen from the air.	2. Fish takes in oxygen dissolved in water.

Q2) What helps aerial animals to fly? Give an example.

A2) Aerial animals are animals that fly in the air. They are helped to fly by:

*Wings

*Streamlined body

*Light body

Example-Crow

A3)Carnivores eat the flesh of other animals with the help of their long, pointed and sharp front teeth. Their strong legs help them run after prey.

Q4)Write about different kinds of eating habits in animals?

A4)There are three different eating habits in animals.They are;

* Herbivores -Eat only plants

* Carnivores -Eat flesh of other animals .

* Omnivores-Eath both plants and flesh of animals.

A5)The seasonal movement of animals from one place to another is called migration.It is important for:-

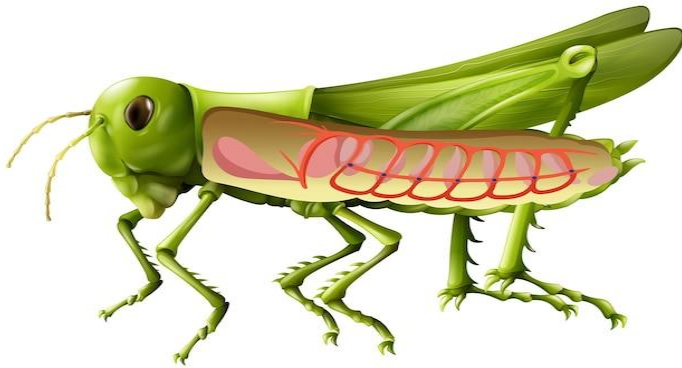
* To escape from harsh climate

*For food

* A safe place to give birth to their young ones.

PICTURE BASED QUESTIONS

A.



Q1) Identify the breathing part of the insect shown in the image?

A1) Spiracles

Q2)Define the term mentioned in answer 1?

A2)Spiracles are small breathing holes found on the body of insects.

Q3) Give an example of any other insect that has such a breathing part?

A3) Ant and Cockroach.

B



Q1) Identify the aquatic animal?

A1) Dolphin

Q2) Despite living in water, these animals do not have gills. How do you think they breathe?

A2) They breathe through lungs.

Q3) Give an example of an aquatic animal other than the image shown who do not have gills to breathe?

A3) Whales

Chapter -3 FOOD AND DISEASES

A. Fill in the blanks:-

1. Fats; 2. Roughage; 3. communicable; 4. direct contact; 5. Immunity; 6. deficiency

B. Complete the table with information about deficiency diseases.

C. Complete each set.

carbohydrates, fats, proteins, vitamins, minerals

bacteria, viruses, protozoa, fungi

cholera, typhoid, jaundice, polio

malaria, plague, dengue, chikungunya

D. Answer the following questions in short.

A1) Two food items rich in carbohydrates are rice and wheat.

A2) Two food items rich in fibre cereals and salads

A3) Two diseases spread by protozoa are malaria and diarrhoea.

A4) Two diseases spread by fungi are ringworm and fungal infection.

A5) Two deficiency diseases are scurvy and rickets.

E. Answer the following questions in detail.

A1) A balanced diet is food that contains all nutrients in the right amount for healthy growth and energy. It is important because;

- * Gives us energy

- * Helps the body grow properly

- * Protects us from diseases

- * Keeps us healthy and strong.

A2) Diseases that can spread from one person to another is called communicable diseases. The mostly spread by air, infected food and water, direct contact and insects.

A3) Two non-communicable diseases are diabetes and asthma. They can be prevented by

- * Eating healthy food.

- * Doing some for exercise or yoga regularly.

A4) Diseases caused by the lack of certain nutrients, vitamins or minerals in the body is called deficiency diseases.

Q5) Write the diseases caused due to deficiency of Iodine, Iron and Vitamin A, B, C, D?

- * Iodine-Goitre

- * Iron-Anaemia

- * Vitamin A-Night blindness

- * Vitamin B-Beri Beri

*Vitamin C-Scurvy

*Vitamin D-Rickets

Q6)Name any two nutrient source for the following:-

a)Vitamin A-Carrot ,Eggs

b)Vitamin B- Rice ,Fish

c)Vitamin C-Amla,Oranges

d)Vitamin D-Milk , Sunlight

e)Iodine-Fish,Salt from sea water

f)Iron-Fruits,Beans.

Q7)Write the symptoms for the following diseases:-

a)Night Blindness-Blindness at night or less light

b)Beri Beri-loss of appetite,tiredness

c)Scurvy-Bleeding in gums,Frequent cold

d)Rickets-Brittle teeth,Deformed bones

e)Goitre-Coughing, Difficulty in breathing

f)Anaemia-Tiredness,Pale skin

g)Hypothyroidism-Fatigue,Weight gain.

PICTURE BASED QUESTIONS

A)



Q1) Identify the microorganism?

A1) Bacteria

Q2) Give two examples of diseases spread by this microorganism?

A2) Typhoid and Cholera.

Q3) Does this microorganism cause communicable or non-communicable disease?

A3) Communicable diseases.

B.



Q1) Identify the medical procedure?

A1) Vaccination

Q2) Define the term answered in Q1?

A2) Vaccination is a simple, safe and effective way of protecting the body against infectious diseases, before it comes in contact with them.

Q3) Name two diseases for which vaccines are available?

A3) Cholera and Polio

EXTRA QUESTIONS

A. True or false

1. Fats give the body more energy than carbohydrates - True

2. Vitamins and minerals decrease immunity - False

3. Flu is a communicable disease. True

4. Female Anopheles mosquito causes dengue .False

5. Chewing tobacco does not lead to cancer. False

Worksheet 1 (Chapters 1–3)

OBJECTIVE-TYPE QUESTIONS

A. Fill in the blanks with correct words from the brackets.

1. Plants can reproduce from seeds, leaves, stems and roots.
(reproduce/germinate)

2. Most fruits have seeds in them. (coats/seeds)

3. Animals move in different ways on the basis of the shape of their bodies. (size/shape)

4. Land animals walk and run with the help of their limbs.
(Aquatic/Land)

5. Proteins help the body to grow and repair itself.
(Fats/Proteins)

6. Iron is needed to make healthy blood in the body.
(Iron/Calcium)

B. Write T if the statement is True and F if it is False.

1. The outer covering that protects the seed is called the seed coat. T

2. Some plants have seed coats that explode, dispersing the seeds. F

3. Kangaroos have well-developed and strong hindlimbs. T

4. A bird's wings help it to cut through the air while flying. T

5. Nutrients give our body the energy it needs. T

6. Rice, potatoes and wheat have roughage. F

C. Tick (✓) the correct options.

1. Examples of dispersal by explosion

a. maple **b. pea** **c. balsam** d. coconut

2. Examples of dispersal by animals

a. mango **b. apple** c. pea **d. orange**

3. Animals that breathe through their lungs

a. humans **b. snakes** **c. pigeons** d. ants

4. How do mammals breathe?

a. The air enters the nostrils and travels through the wind pipe into the lungs.

b. The air enters the mouth and travels through the wind pipe into the lungs.

D. Add more to each set with the help of the clues in brackets.

1. seed coat, **cotyledon, embryo** (parts of a seed)
2. wind, **water, animal, explosion** (agents of dispersal)
3. lungs, **gills, body holes, moist skin** (breathing organs)
4. limbs, **fins, webbed feet, flippers** (help in movement)
5. wildebeest, **Arctic terns, Humpback whales** (migrating animals)

SHORT-ANSWER QUESTIONS

E. Give two examples of each.

1. crops that grow well in clayey soil — Rice, Jute
2. crops that grow well in areas where water does not collect — tea, coffee
3. crops that need less water — jowar, bajra
4. aerial animals — bees, locusts
5. animals that use their flippers for movement — turtles, seals
6. animals that live with wildebeest — zebras, gazelles
7. food rich in carbohydrates — rice, wheat
8. minerals — calcium, iron

Long Answer Questions

F. Define

1. Crops-Plants sown in fields at certain times of the year are called crops.
2. Roughage-Roughage is the fibre in food that helps our stomach and intestines work properly.
3. Nutrients-The substances in food that the body uses to help it to function are called nutrients.
5. Diet-Diet means the daily food we eat to keep our body healthy and strong.