

## Doon Public School Bhuj

### Dear students

#### Important guidelines

Summer vacations are round the corner. It's time for relaxation, enjoyment and staying connected to academics. This is your holiday homework for science which you have to complete in your worksheet booklet and notebook as instructed.

Firstly try to do the homework on your own and then take help of the answer key given to check your work.

1. This homework will be thoroughly checked on reopening of the School.
2. The holiday homework must be done in a very neat and presentable manner.
4. Write the answers in proper place.
5. Do your work on daily basis.
6. Follow instructions given in detail through out the worksheet.

### Worksheet work

### UT-1

**Class: III**

**Date-08/05/2020**

#### **Topic-Ch-1 Living and non Living Things**

#### **Choose the correct answers:**

1. Which of the following need food to grow?  
a. stone                      b. paper                      c. bird                      d. boat
2. Animals move from one place to another in search of  
a. food                      b. water                      c. shelter                      d. all of these
3. Insects breathe through  
a. gills                      b. stomata                      c. lungs                      d. tiny holes
4. Coconut trees grow well in \_\_\_\_\_ region.  
a. warm                      b. cold                      c. both a and b                      d. none
5. Which of the following is a flightless bird?  
a. penguin                      b. kiwi                      c. ostrich                      d. all of these
6. Animals can reproduce by  
a. laying eggs                      b. giving birth                      c. seeds                      d. both a and b
7. Water birds have  
a. webbed feet                      b. lungs                      c. gills                      d. tiny holes
8. Tick the odd one out  
a. plastics                      b. paper                      c. cats                      d. glass
9. Living things can  
a. move                      b. feel                      c. breathe                      d. all of these
10. The time period for which a living thing lives  
a. response                      b. lifespan                      c. limbs                      d. stomata

#### **Fill in the blanks:**

1. Gum is a waste removed by the tree.
2. In most cactus plants, leaves are reduced to spine.
3. Snakes do not have limbs.
4. Most birds use their wings to fly and legs to walk.
5. In sunflower plants, the flowers move in the direction of sun.

6. Living things respond to **stimulus**.
7. **Pine** tree has the longest lifespan of 300 years
8. **Non living** things do not produce young ones.
9. **Arctic fox** and **polar bear** live only in the cold Polar Regions.
10. Giant tortoise lives for **150** years.

### Write True or False

- |   |              |
|---|--------------|
| 1. Non-living things need food and water to live.   | <b>False</b> |
| 2. Plants do not move from one place to another.    | <b>True</b>  |
| 3. Flightless birds move with the help of wings.    | <b>False</b> |
| 4. Apple tree grow in warm region.                  | <b>False</b> |
| 5. Mammals are animals with hair on their bodies.   | <b>True</b>  |
| 6. Animals reproduce only by laying eggs.           | <b>False</b> |
| 7. Fish swim with their gills.                      | <b>False</b> |
| 8. Plants grow throughout their lifetime.           | <b>True</b>  |
| 9. Waste products produced in our body are harmful. | <b>True</b>  |
| 10. Non-living things have lifespan.                | <b>False</b> |

### Answers of choose the correct answers-

- |                 |                 |
|-----------------|-----------------|
| 1. Bird         | 6. Both a and b |
| 2. All of these | 7. Webbed feet  |
| 3. Tiny holes   | 8. Cats         |
| 4. Warm         | 9. All of these |
| 5. All of these | 10. Lifespan    |

### Topic-Ch-2 Parts of Plants

#### Choose the correct answers:

1. Which part of the plant uses light to make their food?  
a. roots      b. stem      c. leaves      d. flowers
2. Which of these fruits has only one seed inside it?  
a. watermelon      b.mango      c. papaya      d. pomegranate
3. Which of these parts has a baby plant inside it?  
a. seed      b. leaf      c. root      d. stem
4. We eat the leaves of these plants  
a. potato      b. spinach      c. tomato      d. carrot
5. Which part of the plant is called its kitchen?  
a. root      b. stem      c. leaf      d. fruit
6. The part the plant containing seed is  
a. flower      b. bud      c. root      d. fruit

7. The process by which a baby plant grows into a new plant is called
  - a. photosynthesis
  - b. germination
  - c. rehydration
  - d. transpiration
8. The part of the plant that fixes it in the soil is the
  - a. leaf
  - b. stem
  - c. root
  - d. branch
9. Which of these plants has weak stem?
  - a. mango
  - b. money plant
  - c. banana
  - d. neem
10. In addition to the stem, branches, leaves and buds, the shoot also bears
  - a. flowers and roots
  - b. fruits and roots
  - c. flowers and fruits
  - d. none of these

**Fill in the blanks-**

1. A tomato is a herb. It has a soft and weak stem.
2. A mango tree and a bean plant have tap roots.
3. Grasses have fibrous roots.
4. A leaf has many small pores called stomata.
5. The roots hold the plant firmly to the soil.
6. Air enters the leaves through the stomata.
7. The leaves make food for the plant.
8. Seeds have a baby plant in them.
9. Flower gives rise to fruits.
10. Green leaves give out a gas called oxygen, which is essential for life.

**True or false-**

- |   |       |
|---|-------|
| 1. Roots take in water from the soil.                   | True  |
| 2. Carrots and radish store food in their roots.        | True  |
| 3. Plants take in oxygen from air to make their food.   | False |
| 4. All fruits have only one seed.                       | False |
| 5. Big trees have a thick and strong stem called trunk. | True  |
| 6. Watermelon is a climber.                             | False |
| 7. Shrubs has weak and green stem.                      | False |
| 8. Chlorophyll makes the leaves look green.             | True  |
| 9. The roots grow below the ground.                     | True  |
| 10. A plant makes its own food.                         | True  |

**Answers of choose the correct answer-**

- |            |                        |
|------------|------------------------|
| 1. Leaves  | 6. Fruit               |
| 2. Mango   | 7. Germination         |
| 3. Seed    | 8. Root                |
| 4. Spinach | 9. Money plant         |
| 5. Leaf    | 10. Flowers and fruits |

**Notebook Work**

<u>Ch-1</u>	<u>UT-1</u> <u>Holiday Homework</u>	<u>Date-08/05/2020</u>
	<u>Living And Non-Living Things</u>	

**Hard words**

1. Obtain
2. Surroundings
3. Breathe

4. Lungs
5. Gills
6. Stomata
7. Escape
8. Shelter
9. Webbed feet
10. Flightless
11. Limbs
12. Suitable
13. Reproduce
14. Stimulus
15. Response

**Answer the following questions in one sentence or word-**

Q1. Name an animal that eats both plants and animals.

Ans1. Fox

Q2. Where are stomata present in leaves?

Ans2. Stomata

Q3. Where do animals that have webbed feet live?

Ans3. Water

Q4. How do flightless birds move?

Ans4. Flightless birds move with the help of their legs.

Q5. Name the plant that closes its leaves when touched.

Ans5. Touch-me-not plant

**Answer the following questions in two or three sentences-**

Q1. Do frogs need air to live? How do they take in air?

Ans1. Yes frogs need air to live. When frog is in water, it breathes through its skin whereas on land, it breathe through its lungs.

Q2. How do birds move?

Ans2. The birds use their wings to fly and legs to walk.

Q3. Write the difference between the growth in plants and in animals.

Ans3. Plants grow throughout their lifetime whereas animals grow in size only during the early parts of their lives.

Q4. Explain giving an example to show that living things need proper place to live.

Ans4. All living things need suitable place to live. For example, coconut trees can grow in warm regions close to sea.

**Ch-2**

**Homework**  
**Parts of Plant**

**Date-08/05/2020**

**Hard words**

1. Herb
2. Shrub
3. Creeper
4. Climber
5. Firmly
6. Taproot
7. Fibrous root
8. Chlorophyll

9. Lamina
10. Leaf veins
11. Mid rib
12. Microscope
13. Carbon dioxide
14. Factory
15. Baby plant

**Answer the following questions in one sentence or word-**

Q1. What is a tap root?

Ans1. A type of root having one main root to which many small roots are attached.

Q2. List the part of plant present on the stem.

Ans2. The stem has branches, leaves, flowers and fruits.

Q3. Name a plant that stores food in its stem.

Ans3. Potato

Q4. What are the tiny pores on the leaf surface called?

Ans4. Stomata

Q5. What do leaf veins carry?

Ans5. The leaf veins carry food and water.

Q6. Which part of the plant forms the fruit?

Ans6. Flowers

**Answer in two or three sentences-**

Q1. Why are roots important to a plant?

Ans1. Roots are important because-

- a. It holds the plant firmly in soil.
- b. It takes in water and minerals from the soil.
- c. Plants store extra food prepared by plants in their roots.

Q2. How does the stem help the plant?

Ans2. The stem helps the plants as-

- a. It carries water taken in by roots to rest of the plant.
- b. It carries food made by leaves to all other parts.

Q3. Describe an activity to show that roots hold a plant firmly in soil.

Ans3. Fill an empty ice-cream cup with soil. Sow about 20 wheat seeds in it. Sprinkle water on the soil to keep it moist. Place the cup in a sunny place. After a week, we will see wheat plant get germinated. Now stop watering and let the soil dry for a day. Now lift the cup up by holding the wheat plants. We will see the cup will also moves up with the plant. This shows that roots hold the plants firmly in soil.

Q4. Explain the function of leaf in a plant.

Ans4. The leaves prepare food for the plant.

