



# FEDERAL DIRECTORATE OF EDUCATION

## Summer Vacation Task

General Science---Class-V

**SESSION  
2023-24**



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## **Summer Vacation Homework**

### **Class V**

#### **General Science**

**Q#1. Take some water in glass. Now pour the water in bowl. Observe shape and volume in different containers.**

- i) What did you observe about shape of water?
- ii) Does the shape changes?
- iii) Does the volume changes?
- iv) How do you infer from it?

**Q#2. Take some apple peels, papers, plastic bottles, raw vegetables. Put them into a bowl, mix some soil in it, leave it for few days and observe it after few days. You will see a mixture of these things. Answer the following questions on the basis of your observations.**

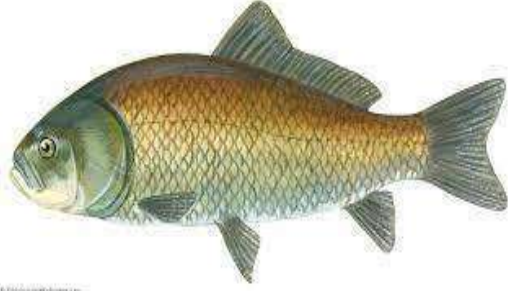
- i) Which things are mixed with soil?
- i) Which things cannot be broken down?
- ii) Write the names of non-biodegradables?
- iii) Differentiate between biodegradable and non- biodegradable.

**Q # 3. Answer all the questions.**

- i) Penguins and ostrich are classified as birds but they cannot fly. Why?
- ii) What would happen if there were no microorganisms?
- iii) Mostly flowers are colorful and scented. Why?
- iv) When we boil a vegetable say potato, we get boiled potato after cooking. Is it a chemical change or physical change? Why.
- v) Why electrical wires are coated with rubber?





**Q # 4. There are some common diseases. Write their causative agents and mode of transmission.**

<b>Diseases</b>	<b>Mode Of Transmission</b>	<b>Causative Agents</b>
<b>Chickenpox</b>		
<b>Flue</b>		

	<b>Class</b>	<b>How do they respire?</b>
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<b>Covid-19</b>		
<b>Dengue</b>		
<b>Typhoid</b>		
<b>Cholera</b>		

**Q # 5. With the help of diagram identify class of each animal and answer the following:**

	<b>Class</b>	<b>Where do they live?</b>
	<b>Class</b>	<b>How do they eat?</b>
	<b>Class</b>	<b>Where do they lay eggs?</b>
	<b>Class</b>	<b>How do they feed their young ones?</b>

**Q # 6: Answer the following questions, based on the figure given below:**



- Write the names of the part A and B.
- Why bulb is glowing in this diagram?
- What is use of switch?
- If we break the wire what will happen?
- In which type of circuit current can not flow?

**Q # 7. Write the names of pollination occurring in part A and C.**

- Define Pollination.
- Write the names of some agents that are involved in Pollination.

**Q # 8. Project work.**

**Description:** Make a folder of two endangered and two extinct species.

**Note:** Single picture and its information on one page.

- Write the names of species.
- Which country is it found in?
- How many are there left (endangered)?
- How human activities effected the population?

**Q # 9: Make a model of any type of ecosystem (Water/Land/Desert/Forest).**

**Instructions:** Use waste material available at your home like old toys, shoe box, plastic bottles, cans etc.