

**KENDRIYA VIDYALAYA NO.2, PORT BLAIR**

**SCIENCE SUMMER HOLIDAY HOMEWORK (2023-24)**




**CLASS VIII**

1) (a) Watch the video available on the following link and write down a short summary of the same in about 40-50 words.

<https://youtu.be/D1Ymc311XS8>

(b) Paste pictures of any two parasitic, two saprotrophic and two insectivorous plants. Write down their names as well.

2) Identify the objects shown in the table below as **HOT/COLD**.

TYPE OF OBJECT	HOT/COLD
<p>(1) BOILING WATER</p> 	
<p>(2) JUICES</p> 	
<p>(3) SOUPS</p> 	

<p><b>(4) FRYING PAN</b></p> 	
<p><b>(5) ICE CREAMS</b></p> 	

**3)** Test the following items with the help of a natural indicator and classify them as an **ACID**, **BASE** or a **NEUTRAL** substance.

Lemon juice, detergent, bathing soap, window cleaner, baking soda, orange juice, tea, coffee, curd, shampoo, tap water, drinking water.

**4)(a)** Watch the video available on the following link and write down a short summary of the same in about 40-50 words.

<https://youtu.be/QdwKhbtzsug>

**(b)** Give five examples each of **PHYSICAL** and **CHEMICAL** changes from your surroundings and everyday life.

**5)(a)** Watch the following video on the topic **'PROCESS OF SOIL FORMATION'** and write a short paragraph of about 90-100 words on the same.

<https://youtu.be/kybPmB1zBUw>

**(b)** Watch the following video and write a short note on the different layers of **'SOIL PROFILE'**.

<https://youtu.be/VeuQeAxJIjs>

6) Watch the following video on '**RESPIRATION**' and answer the given questions.

<https://youtu.be/mOKmjYwfDGU>

(i) Where does the exchange of O<sub>2</sub> and CO<sub>2</sub> take place in human beings?

(ii) What happens to the diaphragm when we breathe in?

(iii) What happens to the diaphragm when we breathe out?

7)(a) Watch the video available on the link [https://youtu.be/tg\\_ObDJEaGo](https://youtu.be/tg_ObDJEaGo) and draw a diagram of the '**HUMAN HEART**' and label the following:

(i) the chamber which receives deoxygenated blood from the entire body.

(ii) the chamber which pumps oxygenated blood to the entire body.

(b) Watch the video available on the link [https://youtu.be/dZREDWD\\_5bA](https://youtu.be/dZREDWD_5bA) and write down a short summary of the same in about 100 words.

8)(a) Paste pictures of four **UNISEXUAL** and four **BISEXUAL** flowers.

(b) Draw a well labelled diagram of the **MALE** and **FEMALE** reproductive parts of a flower.

9) Cut out and paste articles related to '**WATER SCARCITY**' and '**WATER CONSERVATION**' from newspapers and magazines.

10) Watch the short film titled **FORESTS** available on this link <https://youtu.be/JkaxUblCGz0> and write down any 10 important points you learn from the video.

**NOTE: All the work needs to be done on A4 sheets.**

**HAPPY HOLIDAYS!!!!**