



ITL PUBLIC SCHOOL
PRE PT 2 AK (2024-25)
ENVIRONMENTAL STUDIES

DATE:
NAME:

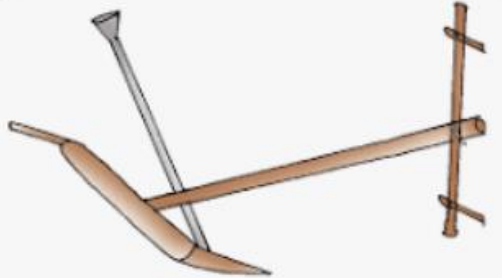
CLASS: IV Sec:___
Roll No.

SECTION A (4 Marks)		
1	Answer the following questions in one word: - a) Water which is fit for drinking- Potable water b) The practice of growing crops on a large scale for food and other purposes- Agriculture c) The process of separating the insoluble solids from a liquid using a filtering device- Filtration d) It is a continuous period of dry weather when an area gets less rainfall over months or even years- Drought	4
SECTION B (8 Marks)		
2	Give reason- a) Sprinkler system of irrigation is better than any other method of irrigation. Reason:- Sprinkler systems reduce water loss and provide a more even application of water to agricultural land, promoting steady crop growth. b) River water should not be polluted. Reason:- As we have limited sources of fresh water, it would become unfit for use, if polluted.	2
3	a) How is Oral Rehydration Solution (ORS) prepared at home? Ans: Oral Rehydration Solution (ORS) can be prepared by mixing one teaspoon of sugar and a pinch of salt in one glass of boiled and cooled water. It helps in preventing loss of water from the body. b) Write its benefit for the body. Ans:- It helps in hydrating the body and maintaining the minerals of the body.	2
4	<u>Explain the process of sedimentation and decantation with the help of a diagram.</u> <p style="text-align: center;">Water containing insoluble impurities Insoluble impurities Clear water Sedimentation</p> <p style="text-align: center;">Glass rod to help in decantation Sediment Clear Water Decantation</p>	2
5	Give examples of modern and traditional methods of irrigation. (2 each)	2

	<p>Ans :- Traditional ways of Irrigation:</p> <p>(a) Moat (b) Dhekli (c) Rahat (d) Chain pump</p> <p>Modern ways of irrigation– Sprinkler system, drip irrigation</p>	
--	---	--

SECTION C (8 Marks)

6	<p>Read the text and answer the questions that follow- Crops are plants of the same kind that we grow in the field. Agriculture is the process of growing crops on a large scale and taking care of them. Farmers prepare the soil, plant seeds, water them and cut the ripe crops. (Source: Google)</p> <p>a) What is a crop? Why same crop should not be grown every year? Ans :- The plants of the same kind that are grown in the field. If we grow same kind of crops every year, it will cause deficiency (lack) of mineral nutrients in the soil.</p> <p>b) Write any 2 steps involved in process of agriculture. Ans: Ploughing, Sowing</p>	2				
7	<p>Read the text and answer the questions that follow- Water pollution damages the plants and animals present in the river by reducing the oxygen content from the water. Many soluble and insoluble impurities are present in polluted water. (Source: Google)</p> <p>a) Mention any two methods of cleaning water at home. Ans Boiling, Chlorination</p> <p>b) Write any one difference between soluble and insoluble substances. Ans:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Soluble substances</th> <th style="width: 50%; text-align: center;">Insoluble substances</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">a) The substances which dissolve in water are known as soluble substances. e.g. Salt, Sugar etc.</td> <td style="padding: 5px;">a) The substances which do not dissolve in water are called insoluble substances. e.g. stones, wood etc</td> </tr> </tbody> </table>	Soluble substances	Insoluble substances	a) The substances which dissolve in water are known as soluble substances. e.g. Salt, Sugar etc.	a) The substances which do not dissolve in water are called insoluble substances. e.g. stones, wood etc	2
Soluble substances	Insoluble substances					
a) The substances which dissolve in water are known as soluble substances. e.g. Salt, Sugar etc.	a) The substances which do not dissolve in water are called insoluble substances. e.g. stones, wood etc					
8	<p>Read the given text and answer the questions that follow- Rainwater harvesting is a technique to store rainwater and reuse it for further use. Many houses have built special spaces for collecting the rainwater, which is usually collected at the place where the rainwater falls.</p> <p>a) What is rainwater harvesting? Ans : The process in which rainwater is collected from rooftops through pipes into underground tanks or wells is known as rainwater harvesting.</p> <p>b) Write any 2 uses of rainwater harvesting. Ans It is used for –</p> <p>a) gardening b) livestock (animals) c) irrigation d) household use (after proper treatment)</p>	2				

9	<p>Read the given text and answer the questions that follow- This year also my father will sow onion seeds in the field. The bullocks will pull the Kurige and Appa will walk behind them, sprinkling the seeds. (Source: NCERT Book)</p> <p>a) Draw the picture of a kurige and write its use.</p>  <p>Use- To sprinkle seeds in fields after ploughing.</p> <p>b) Why is digging the soil important? So that the soil is loosened and gets enough air water and warmth.</p>	2