



ITL PUBLIC SCHOOL
PRE ANNUAL EXAMINATION ANSWER KEY(2024-25)
ENVIRONMENTAL STUDIES

DATE:
TIME:2 Hrs.

CLASS: V Sec: __
M.M:50

General Instructions:

1. This question paper comprises of 4 sections, 14 questions in 4 pages.
2. All the questions are compulsory.
3. Write in a neat and legible handwriting.

SECTION A (10 Marks)

1 10

Answer the following in one word or one line:

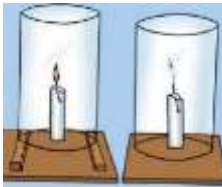
i) Name the outermost layer of the earth.

Ans. Crust

ii) Name **any two** festivals related to the Moon.

Ans. Karwa Chauth, Budh Purnima

iii) Identify the property of air shown in the given picture-

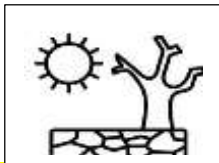


Ans. Air is needed for burning

iv) Why were jowar and bajra replaced with cotton and wheat?

Ans. As cotton and wheat were more in demand and profitable/ fetched better prices in the market so they were replaced with jowar and bajra.

v) Define the natural disaster shown in the picture.



Ans. An unusually long period of low rainfall leading to failure of crops.

vi) Define 'agriculture.'

Ans The practice of growing crops on a large scale for food and other purposes.

vii) How is tsunami caused?

Ans Tsunami is caused due to underwater earthquake or volcanic eruption.

viii) What is lekha?

Ans A place made with stones to keep sheep and goats as referred by Changpas.

For sub-parts (ix) and (x), two statements are given- one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes a), b), c) and d) as given below:

ix)	Assertion (A)	Changpas graze their goats at higher and colder places.
	Reason (R)	So that goats have more and softer fur.
a) Both A and R are true, and R is correct explanation of the assertion. b) Both A and R are true, but R is not the correct explanation of the assertion. c) A is true, but R is false. d) A is false, but R is true.		
x)	Assertion (A)	Paper has to be stuck to the walls of spaceship in space.
	Reason (R)	In space there is very little gravity to keep the objects in place.
a) Both A and R are true, and R is correct explanation of the assertion. b) Both A and R are true, but R is not the correct explanation of the assertion. c) A is true, but R is false. d) A is false, but R is true.		

SECTION B (10 Marks)

2	Name the following: a) A scale that records the relative intensity of an earthquake- Richter scale b) The tent made of yak's hair in which Changpas live- Rebo c) The phase of moon where it seems to get bigger - waxing phase d) Moving air is called- Wind e) Decayed organic material used as a fertilizer for growing plants- Compost	5
3	Fill in the blanks: a) Epicentre is a point or spot on the earth's surface that lies just above the focus. b) Meteorite is the remaining piece of meteoroid which falls on the earth. c) The force exerted by air on any surface is known as air pressure . d) Ladakh is an example of cold desert. e) Insecticide is sprayed on crops to protect them from insects.	5

SECTION C (20 Marks)

4	Give reason: a) The paper snake moves clockwise above a burning candle. Reason - As the warm air is light and it rises up. b) The houses on the mountains have sloping roof. Reason- So, that snow and rain can slide off easily. c) The moon appears to change its shape everyday. Reason - As the Moon does not have its own light, we can only see that part of the moon which reflects sunlight towards us. d) One should sit under the table during an earthquake. Reason - To preven injury from collapsing buildings or falling bricks.. e) In earlier times neem leaves were used to store seeds. Reason - To protect the seeds from the attack of insects and germs.	5
5	a) Write any two speciality of Changpa tribe. Ans. 1.They graze their goat and sheep at a high altitude of 5000 m so that they	2

	<p>produce more and softer fur.</p> <p>2. They live in movable tents called Rebo and keep their goats at lekha.</p> <p>3. They weave world famous pashmina shawl.</p> <p>4. They live at a higher altitude of 5000 meter.</p> <p>b) Goats are a treasure of the Changpa tribe people. Justify the statement.</p> <p>Ans. As they get all they need from them like wool, milk, meat and skin for making tents.</p>							
6	<p>Describe any two types of volcanoes.</p> <p>Ans. 1. Active volcanoes- The volcanoes that can erupt anytime is called an active volcano.e.g. Mt. Etna in Italy</p> <p>2. Dormant volcanoes - The volcanoes that have not erupted for a long time but may erupt in future. Mt. Fuji in Japan</p> <p>3. Extinct volcanoes-They have stopped erupting due to hardening of lava in their opening. E,g Mt. Thielsen in Oregon in the US.</p>	2						
7	<p>Why do people blow air on their spectacles before cleaning them?</p> <p>Ans.As exhaled air contains water vapour which condenses on the cool surface of the glass forming tiny droplets.</p>	2						
8	<p>Explain the formation of wind with a neat and labelled diagram.</p> <p>Ans.1.The sun's heat, heats up the land which in turn heats up the air above.</p> <p>2.Warm air is lighter so it rises up.</p> <p>3.Cooler air blows down to take its place.This is how winds blow on earth.</p>	3						
9	<p>a) State any two differences between rabi and kharif crops.</p> <table border="1"> <thead> <tr> <th>Kharif crops</th> <th>Rabi crops</th> </tr> </thead> <tbody> <tr> <td>The crops grown in summer season and harvested at the end of monsoon</td> <td>The crops grown in winters and harvested in spring</td> </tr> <tr> <td>They need more water to grow. E.g. rice, sugarcane etc.</td> <td>They need less water . E. G. wheat, mustard etc.</td> </tr> </tbody> </table> <p>b) Each year Damjibhai kept aside some bajra seeds from a good crop. Why?</p> <p>Ans.To ensure he had quality seeds to plant the following year.</p>	Kharif crops	Rabi crops	The crops grown in summer season and harvested at the end of monsoon	The crops grown in winters and harvested in spring	They need more water to grow. E.g. rice, sugarcane etc.	They need less water . E. G. wheat, mustard etc.	3
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They need more water to grow. E.g. rice, sugarcane etc.	They need less water . E. G. wheat, mustard etc.							
10	<p>a. State any two differences between rotation and revolution of the earth.</p> <p>Ans. Rotation- The movement of Earth on its own axis is called rotation. It causes day and night.</p> <p>Revolution- The movement of the Earth around the Sun in its orbit is called revolution. It causes change in seasons.</p> <p>b. How is lunar ecplise caused?</p>	2+ 1						

	<p>Ans. When Moon comes in the shadow of the Earth, a lunar eclipse is caused. It is caused on a full moon night. It occurs when the Moon, the Earth and the Sun comes in a straight line.</p>	
SECTION D (10 Marks)		
11	<p>a) Read the given stanza and answer the questions that follow- <i>Looking at earth from the space, Sunita said, "Different countries cannot be seen as separate from here. These lines are on paper. They are made by us." (Source: NCERT textbook)</i></p> <p>a) What did Sunita realize when she looked at the Earth from space? Ans. She realised that the boundaries of the countries are not visible from the space. They are created by humans.</p> <p>b) What did she say about the countries on the Earth? Ans. The countries on the earth create boundaries which divide people. Actually there is no division by the nature.</p>	2
12	<p>Read the given text and answer the questions that follow- <i>"When the crop was ready and harvested, everyone celebrated together. Oh! Those wonderful days! With big feasts and lots to eat! Undhiya would be eaten with bajra rotis, freshly cooked on the chulha. Oh, what an earthy delicious flavour! Along with that, home-made butter, curd and buttermilk was served". (Source: NCERT Textbook)</i></p> <p>a) What is Undhiya and how is it prepared? Ans. Undhiya is a vegetable stew which is prepared on a chulha. Vegetables are put in a clay pot with fresh spices and covered with a cloth. Then pot is sealed with a dough and is put upside down on a chulha.</p> <p>b) Name any two harvest festivals. Ans. Lohri, Pongal</p>	2
13	<p>Read the given text and answer the questions that follow- <i>I was moving towards the rocky plains of Changthang. This place is at a height of almost 5000 metres. It is so high that it is difficult to breathe normally. (Source: NCERT Textbook)</i></p> <p>a) Why did Gaurav Jani say- 'This place is so high that it is difficult to breathe normally?' Ans. As we go on a high altitude, the air becomes thin and the level of oxygen goes down.</p> <p>b) What do you understand by Changthang? Ans. It is a place at a high altitude of 5000 metres, where Changpa's live.</p> <p>c) Why Loner had a tough time as they were climbing higher? Ans. As the path was rocky and steep and at some places there was no road. It was difficult climbing up with a bike.</p>	3

14	<p>Read the given text and answer the questions that follow-</p> <p><i>A flood occurs when water from rivers, lakes or oceans overflows and spreads over land. It can be caused by heavy rainfall, melting snow, or a dam breaking. Floods can submerge homes, crops and roads but they also spread fertile soil which benefits farming.</i></p> <p>a) What is a flood? Ans. When water overflows due to heavy rains and spread all over the nearby land, it is called flood.</p> <p>b) What are the common causes of flood? Ans. Heavy rainfall, deforestation, fast melting of snow, breaking down of dams.</p> <p>c) What is one negative effect of flood? Ans. Damage to life and property, spread of diseases, loss of crops.</p>	3
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