

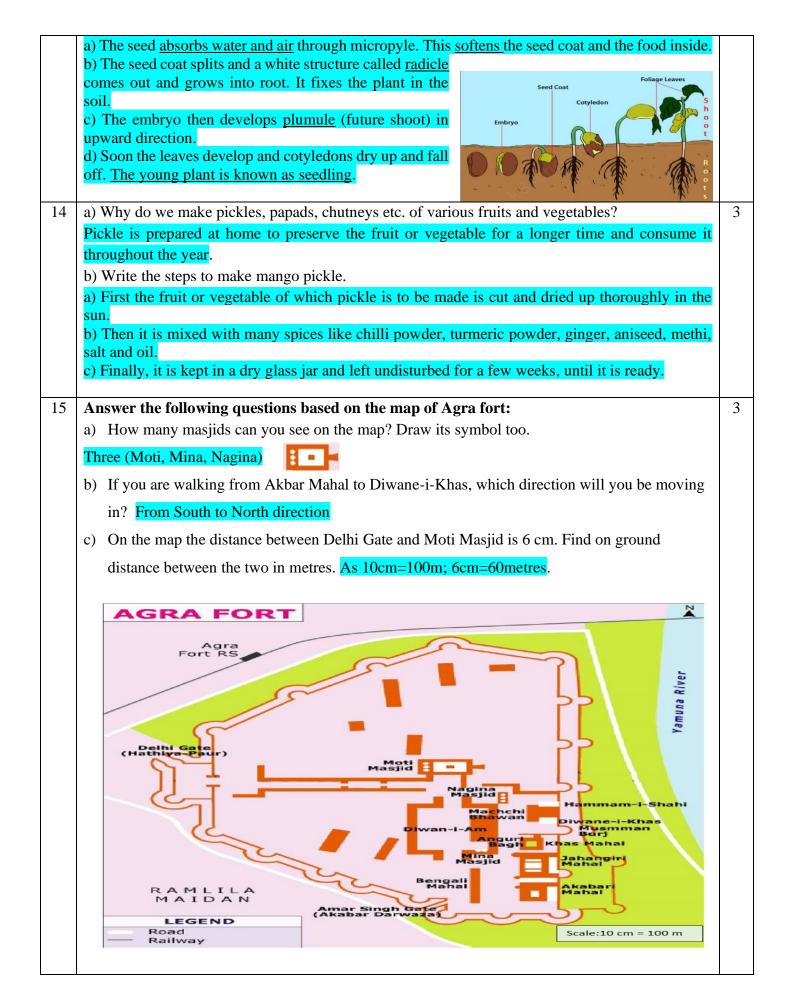
ITL PUBLIC SCHOOL PRE-MIDTERM EXAMINATION (2024-25) ENVIRONMENTAL STUDIES ANSWER KEY

CLASS: V Sec:

	SECTION A (20 Marks)					
1	Answer the follow	ing in one word or one line:	10			
	i) Define 'food pres	servation'.				
The methods adopted to prevent the spoilage of food by germs for a long period of time.						
ii) Pinky has weak bones and bow shaped legs. Which disease she might be su						
	Mention its cause.					
	Rickets- Vitamin D	O deficiency				
	iii) Identify the more	untaineering gear shown below- Snow boot				
	iv) How did George	e Mestral get inspiration to create velcro?				
	By observing the h	ooked seeds stuck in the fur of his dog.				
	v) Carrot can repro	duce by vegetative propagation. Justify your answer.				
	Top head of the car	rot root can be cut and placed in soil to get a new plant.				
	vi) Define viscosity	γ.				
	The property of res	istance to flow in any material with fluid properties.				
	vii) An acoustic eff	fect can be experienced at Fateh Darwaza. Justify.				
	If you stand at Fate	h Darwaza, whatever you speak can be heard far away at the king's palace.				
	viii) What is a mehrab?					
	A niche in the wall	or a room of a mosque that indicates the direction of Mecca.				
	ix)					
	Assertion (A)	A lemon floats in salty water.				
	Reason (R)	An iron ship floats on water whereas an iron nail sinks in water.				
	b) Both A and R ar	e true, but R is not the correct explanation of the assertion.				
	x)					
	Assertion (A)	Personal and community hygiene is important.				
	Reason (R)	Cleanliness helps in preventing the spread of germs and hence diseases.				
	a) Both A and R are	e true, and R is correct explanation of the assertion.				
2	Read the given tex	xt and answer the questions that follow-	2			
	"Keep your body a bend." Keep your body a	It an angle of 90° while climbing, "I heard. "Keep your back straight. Do not is in mind, I imagined the rock as flat ground and started to climb up. Again, a, we had to use the rope, in a special way called 'rapling.'." (Source: NCERT				
a) Who is giving instructions in the above lines. Why? Colonel Ram Singh as he is the instructor at the Nehru Institute of Mountaineering.						
	coloner Ram Singir as ne is the instructor at the relift institute of wiountaincering.					
	b) What do you mean by rapling?					
L		· · ·	I			

	The act or method of moving down a steep incline by means of a double rope.		
3	 Read the given text and answer the questions that follow- "After seeing Golconda, the children also went to a museum in Hyderabad. Many old items are kept there. Many things were found when the place around Golconda was dug – like pots, jewellery, swords, etc." (Source: NCERT textbook) a) Where did children go after seeing Golconda fort? A museum in Hyderabad b) Many old items were kept in the museum. Why? As they help us to know how people of those times lived, what they used and what things they made. 	2	
4	 Read the following and answer the questions that follow- <i>"Tanish and Aarav went for a cricket match in the sport complex When they started sharing their food with other team members, Aarav warned Tanish to check the expiry date of the cake packet he had brought."</i> a) Why did Aarav warn Tanish to check the expiry date of the cake packet? As all food items have a shelf life after which they should not be consumed. It also creates awareness so that the seller does not dupe the consumers. b) What changes can you see in spoilt food? Change in smell, colour, taste or texture. 	2	
5	 Read the given text and answer the questions that follow- Ayesha watched as her mother rolled out the puri and put it in the hot oil. She saw that at first the puri sank to the bottom of the pan. As it puffed up, the puri came up and started floating on the oil. (Source: NCERT textbook) a) "Buoyancy decides whether an object will sink or float in water". What are the factors that decide the buoyancy of an object? Buoyancy depends upon the weight, fluid displacement, shape and density. b) Why did the puri float in oil? Will it behave the same way if Ayesha puts the puri in water? As the puffed puri gets filled with air which makes it light in weight than the oil. A puffed puri will float on water too. 	2	
6	 Read the given text and answer the questions that follow- "Rajat is back at school today. He had been absent for many days. "How are you now?" asked Aarti. "I'm alright," Rajat replied softy. Jaskirat: You must have played a lot while you were at home. Rajat: Who wants to play when you have fever! On top of it I had to take a bitter medicine! I even had a blood test." (Source NCERT Book) a) Why had Rajat been absent for many days? As he was having high fever/malaria. b) Why did he have a blood test? To diagnose the cause of his fever. 	2	
	SECTION B (10 Marks)		
7	 Name the following: a) A condition in which a part or the whole body does not function effectively - Disease b) The tiny living things that can be seen under the microscope- Microbes c) The process by which the seeds are scattered away from the mother plant – Seed dispersal d) Nehru Institute of Mountaineering is situated in - Uttarkashi e) The liquids which do not dissolve in water- Immiscible liquids 	5	

8 Fill in the blanks: 5 a) Very small green plants that mainly grow near ponds or other water bodies are called _micropyle 5 b) A tipy hole in the seed coat that allows water and air to enter inside is called _micropyle 6 c) Molecules move _closer to each other on cooling. 6 d) The Golconda fort was the capital city of _Quuch Shahi Sullans 6 e) A _piton_ is a peg or spike driven into a rock to support a climber. 5 a) The level of the water decreases in the glass on keeping it in the sunlight. 5 Due to evaporation by sun's heat. 6) Children should not suffer from anaemia. 5 As it affects their physical and mental growth. They do not grow well and feel tiredness. 5 c) Even after 21 days of staying together, Sangeeta could not speak to Khondonbi. As Khondonbi speke only Mizo, they did not understand each other's language. d) Sangeeta screamed in pain when she put her foot down in the morning. 7 As she haid walked for 26 km with heavy rucksack on her back over the steep and narrow rough path. 2 e) The bastions on the fort walls had big holes in them. 7 To increase the viewing area and for better vigilance by the soldiers. 2 last greeid smell and bright colours help to attract insects? 2 last found in Australia. Indonesia and Meg			
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13Draw and explain different stages of seed germination.3		b) Through contaminated food and water- typhoid, jaundicec) Through insects and animals- Malaria, dengue, plague, rabies	
	13	Draw and explain different stages of seed germination.	3



Diagrams for practice-

- 1. Bread Mould
- 2. Structure of a seed
- 3. Stages of seed germination
- 4. Molecular arrangement in three states of water
- 5. Change of state of matter on heating or cooling
- 6. Mountaineering gears

Scale 1 cm = 110 metre

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