




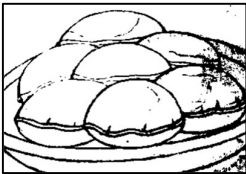
**ITL PUBLIC SCHOOL**  
**PRE-MIDTERM EXAMINATION (2024-25)**  
**ENVIRONMENTAL STUDIES**

DATE: .09.24

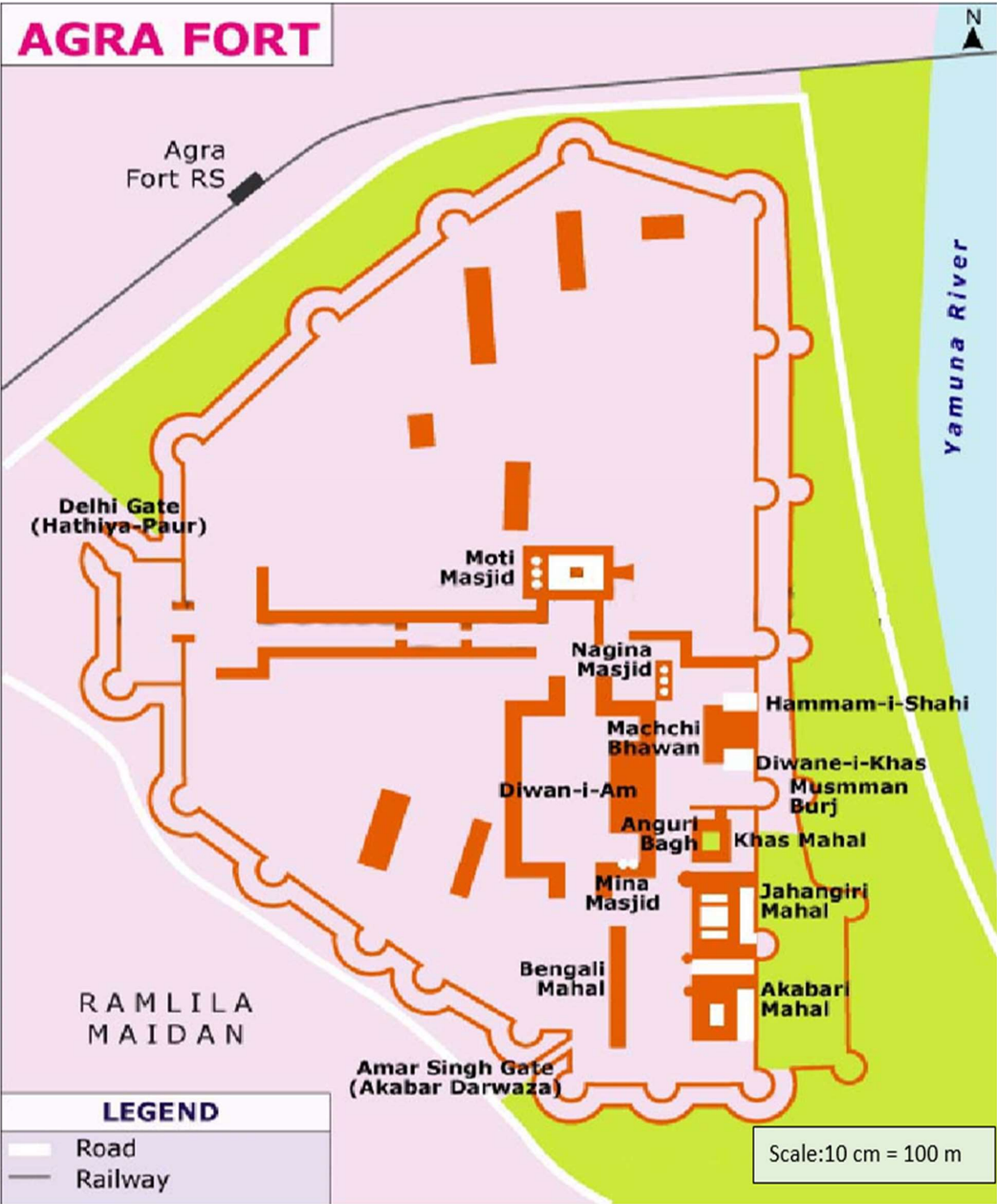
CLASS: V Sec:

**SECTION A (20 Marks)**

1	<p><b>Answer the following in one word or one line:</b></p> <p>i) Define ‘food preservation’.</p> <p>ii) Pinky has weak bones and bow shaped legs. Which disease she might be suffering from? Mention its cause.</p> <p>iii) Identify the mountaineering gear shown below-</p> <div style="text-align: center;"></div> <p>iv) How did George Mestral get inspiration to create velcro?</p> <p>v) Carrot can reproduce by vegetative propagation. Justify your answer.</p> <p>vi) Define viscosity.</p> <p>vii) An acoustic effect can be experienced at Fateh Darwaza. Justify.</p> <p>viii) What is a mehrab?</p> <p><b>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:</b></p> <p>ix)</p> <table border="1" style="width: 100%;"><tr><td style="width: 20%;"><b>Assertion (A)</b></td><td>A lemon floats in salty water.</td></tr><tr><td><b>Reason (R)</b></td><td>An iron ship floats on water whereas an iron nail sinks in water.</td></tr></table> <p>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.</p> <p>x)</p> <table border="1" style="width: 100%;"><tr><td style="width: 20%;"><b>Assertion (A)</b></td><td>Personal and community hygiene is important.</td></tr><tr><td><b>Reason (R)</b></td><td>Cleanliness helps in preventing the spread of germs and hence diseases.</td></tr></table> <p>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.</p>	<b>Assertion (A)</b>	A lemon floats in salty water.	<b>Reason (R)</b>	An iron ship floats on water whereas an iron nail sinks in water.	<b>Assertion (A)</b>	Personal and community hygiene is important.	<b>Reason (R)</b>	Cleanliness helps in preventing the spread of germs and hence diseases.	10
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2	<p><b>Read the given text and answer the questions that follow-</b></p> <p><i>“Keep your body at an angle of 90° while climbing,” I heard. “Keep your back straight. Do not bend.” Keeping this in mind, I imagined the rock as flat ground and started to climb up. Again, while coming down, we had to use the rope, in a special way called ‘rapling.’.</i> (Source: NCERT textbook)</p> <p>a) Who is giving instructions in the above lines. Why? b) What do you mean by rapling?</p>	2								
3	<p><b>Read the given text and answer the questions that follow-</b></p> <p><i>“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.”</i> (Source: NCERT textbook)</p> <p>a) Where did children go after seeing Golconda fort? b) Many old items were kept in the museum. Why?</p>	2								

4	<p><b>Read the following and answer the questions that follow-</b></p> <p><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></p> <p>a) Why did Aarav warn Tanish to check the expiry date of the cake packet? b) What changes can you see in spoiled food?</p>	2
5	<p><b>Read the given text and answer the questions that follow-</b></p> <p><i>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)</i></p>  <p>a) “Buoyancy decides whether an object will sink or float in water”. What are the factors that decide the buoyancy of an object? b) Why did the puri float in oil? Will it behave the same way if Ayesha puts the puri in water?</p>	2
6	<p>Read the given text and answer the questions that follow-</p> <p><i>“Rajat is back at school today. He had been absent for many days. “How are you now?” asked Aarti. “I’m alright,” Rajat replied softly.</i></p> <p><i>Jaskirat: You must have played a lot while you were at home.</i></p> <p><i>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)</i></p> <p>a) Why had Rajat been absent for many days? b) Why did he have a blood test?</p>	2
<b>SECTION B (10 Marks)</b>		
7	<p><b>Name the following:</b></p> <p>a) A condition in which a part or the whole body does not function effectively - b) The tiny living things that can be seen under the microscope- c) The process by which the seeds are scattered away from the mother plant - d) Nehru Institute of Mountaineering is situated in - e) The liquids which do not dissolve in water-</p>	5
8	<p><b>Fill in the blanks:</b></p> <p>a) Very small green plants that mainly grow near ponds or other water bodies are called _____. b) A tiny hole in the seed coat that allows water and air to enter inside is called _____. c) Molecules move _____ to each other on cooling. d) The Golconda fort was the capital city of _____. e) A _____ is a peg or spike driven into a rock to support a climber.</p>	5
<b>SECTION C (20 Marks)</b>		
9	<p><b>Give reason:</b></p> <p>a) The level of the water decreases in the glass on keeping it in the sunlight. b) Children should not suffer from anaemia. c) Even after 21 days of staying together, Sangeeta could not speak to Khondonbi. d) Sangeeta screamed in pain when she put her foot down in the morning. e) The bastions on the fort walls had big holes in them.</p>	5
10	<p>a) How does the pitcher plant or venus flytrap attract insects? b) Where are the pitcher plants found?</p>	2
11	<p>How does the heating a substance affect the movement of molecules in it? Explain with a neat diagram.</p>	2
12	<p>Name the agents that help in the spread of communicable diseases from one person to another. Also give one example of each.</p>	2
13	<p>Draw and explain different stages of seed germination.</p>	3

14	<p>a) Why do we make pickles, papads, chutneys etc. of various fruits and vegetables?  b) Write the steps to make mango pickle.</p>	3
15	<p><b>Answer the following questions based on the map of Agra fort:</b></p> <p>a) How many masjids can you see on the map? Draw its symbol too.</p> <p>b) If you are walking from Akbar Mahal to Diwane-i-Khas, which direction will you be moving in?</p> <p>c) On the map the distance between Delhi Gate and Moti Masjid is 6 cm. Find on ground distance between the two in metres.</p>	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*