



## INDIAN SCHOOL AL WADI AL KABIR



|                  |                                 |                |
|------------------|---------------------------------|----------------|
| CLASS: VI        | DEPARTMENT: SCIENCE             | MAX. MARKS: 30 |
| DATE: 22-05-2025 | PRE-MID-TERM EXAM<br>ANSWER KEY | TIME: 1 hour   |

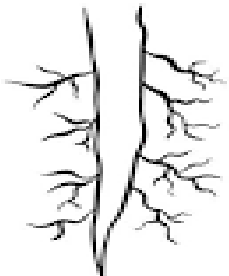

### MARKING SCHEME

|    | SECTION A (7X1=7)   | MARKS  |
|----|---|--|
| 1  | c) Evaporation  | 1  |
| 2  | a) They have weak stems that cannot support their own weight.   | 1  |
| 3  | a) Rhododendrons in Nigiris are shorter than the Rhododendrons in Sikkim  | 1  |
| 4  | b) Protein  | 1  |
| 5  | (iv) A is false but R is true   | 1  |
| 6  | (i) Both A and R are true and R is the correct explanation of the Assertion   | 1  |
| 7  | (ii) Both A and R are true but R is not the correct explanation of the Assertion  | 1  |
|    | SECTION B (3X2=6)   |  |
| 8  | a) The place where plants and animals live is called their habitat.<br>b) Long legs and wide hooves of camels in hot desert help them to walk on the sandy desert without sinking into the sand. The short legs of camels in cold desert allow them to walk easily in mountainous regions | 1<br>$\frac{1}{2} + \frac{1}{2} = 1$                               |
| 9  | a) Windmill, Wind energy<br><br>b) Resources that can be replenished and are unlimited are called Renewable Resources.<br><br>Resources that are limited and can be depleted are called Non-Renewable Resources.  | $\frac{1}{2} + \frac{1}{2} = 1$<br>$\frac{1}{2} + \frac{1}{2} = 1$ |
| 10 | Polar bears accumulate fat under their skin to serve as an energy source. This fat helps them survive during their monthslong winter sleep (hibernation) by providing the necessary energy, as they do not eat during this period.  | 1+1  |

|    | SECTION C (3X3=9)   |  |
|----|---|--|
| 11 | <p>a) Goitre. Glands in the neck appear swollen. Seafood is a rich source of iodine and prevents the occurrence of goitre.</p> <p>b) Fruits contain dietary fibre whereas fruit juices do not contain fibres.</p> | <p>1 + 1 = 2</p> <p>1</p>  |
| 12 | <p>a) Mushrooms mostly grow in dark and moist places. Edible mushrooms are beneficial because they are a good source of protein, which helps in body growth.</p> <p>b) Carbohydrates, Fats</p>                    | <p>1 + 1 = 2</p> <p><math>\frac{1}{2} + \frac{1}{2} = 1</math></p> |

|    |   |                           |
|----|---|---------------------------|
| 13 | <p>a) Dicot plants (Plants with two cotyledons) have reticulate venation and a taproot system while monocot plants (plants with one cotyledon) have parallel venation and a fibrous root system.</p> <p>b) Cactus are desert plants. The fleshy stem of Cactus found in the desert can store water and help them tolerate the hot conditions in these places.</p> | <p>1 + 1 = 2</p> <p>1</p> |
|----|---|---------------------------|

|    | SECTION D (1X5=5)   |  |                      |                  |  |   |  |  |   |  |  |  |   |  |    |  |  |
|----|---|--|----------------------|------------------|--|---|--|--|---|--|--|--|---|--|----|--|--|
| 14 | <table border="1"> <tr> <td>a)</td><td>TERRESTRIAL HABITATS</td><td>AQUATIC HABITATS</td></tr> <tr> <td></td><td>1. The plants and animals that live on land are said to live in terrestrial habitats.</td><td>1. The plants and animals that live in water are said to live in aquatic habitats.</td></tr> <tr> <td></td><td>2. Some examples of terrestrial habitats are forests, deserts, grasslands, and mountains.</td><td>2. Some examples of aquatic habitats are ponds, lakes, rivers, and oceans.</td></tr> <tr> <td></td><td>3. Animals living in terrestrial habitat include camels, Lion, Tiger etc</td><td>3. Animals living in Aquatic habitat include Fish, Blue Whale etc</td></tr> <tr> <td></td><td colspan="2">b)</td></tr> </table> | a)   | TERRESTRIAL HABITATS | AQUATIC HABITATS |  | 1. The plants and animals that live on land are said to live in terrestrial habitats. | 1. The plants and animals that live in water are said to live in aquatic habitats. |  | 2. Some examples of terrestrial habitats are forests, deserts, grasslands, and mountains. | 2. Some examples of aquatic habitats are ponds, lakes, rivers, and oceans. |  | 3. Animals living in terrestrial habitat include camels, Lion, Tiger etc | 3. Animals living in Aquatic habitat include Fish, Blue Whale etc |  | b) |  | <p>1 + 1 = 2</p> <p><b>(Any Two)</b></p> |
| a) | TERRESTRIAL HABITATS  | AQUATIC HABITATS   |                      |                  |  |   |  |  |   |  |  |  |   |  |    |  |  |
|    | 1. The plants and animals that live on land are said to live in terrestrial habitats.   | 1. The plants and animals that live in water are said to live in aquatic habitats. |                      |                  |  |   |  |  |   |  |  |  |   |  |    |  |  |
|    | 2. Some examples of terrestrial habitats are forests, deserts, grasslands, and mountains.   | 2. Some examples of aquatic habitats are ponds, lakes, rivers, and oceans.         |                      |                  |  |   |  |  |   |  |  |  |   |  |    |  |  |
|    | 3. Animals living in terrestrial habitat include camels, Lion, Tiger etc  | 3. Animals living in Aquatic habitat include Fish, Blue Whale etc                  |                      |                  |  |   |  |  |   |  |  |  |   |  |    |  |  |
|    | b)  |  |                      |                  |  |   |  |  |   |  |  |  |   |  |    |  |  |

|    |  |   |
|----|--|---|
|    | <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <p><b>Tap Root</b></p> <p><b>Fibrous Root</b></p> </div> <p>c) The pattern of veins on the leaf is called venation.</p> | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">1+1=2</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">1</div> |
|    | <b>SECTION E (1X3=3)</b>   |   |
| 15 | <p><b>i)</b> Modern appliances and techniques can save time and effort in the kitchen.</p> <p><b>ii)</b> Healthy cooking methods involve grilling, steaming and baking. (any two)</p> <p><b>iii)</b> Using herbs and spices to flavor food instead of salt and sugar can make dishes healthier.</p>  | <div style="text-align: right;">1</div> <div style="text-align: right;">1</div> <div style="text-align: right;">1</div>   |