



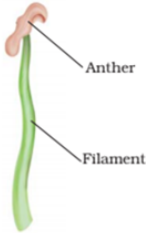
## INDIAN SCHOOL AL WADI AL KABIR



CLASS: VI	DEPARTMENT: SCIENCE	MAX. MARKS: 30
DATE: 04-06-2024	PRE-MID-TERM EXAM ANSWER KEY	TIME: 1 hour

### MARKING SCHEME

	SECTION A (7X1=7)	MARKS
1	c) Completely	1
2	b) The blue-black colour confirms the presence of starch in food.	1
3	b) They protect the body against diseases.	1
4	a) Leaves help in transpiration.	1
5	(iii) A is true but R is false	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 and R is not the correct explanation of the assertion.	1
	SECTION B (3X2=6)	
8	a) Glucose provides instant energy. b) Fruits contain dietary fibre whereas fruit juices do not contain fibres.	1 1
9	a) i) Roots absorb water and minerals from the soil. ii) Roots help in holding the plant firmly in the soil. iii) Root helps to prevent soil erosion. (Any two) b) Parallel Venation- Veins run parallel to each other from the petiole to the tip of the leaf. Examples- Banana, Grass	$\frac{1}{2} + \frac{1}{2} = 1$  1
10	a) Water is called Universal Solvent because it is capable of dissolving more substances than any other liquid. b) The place where organisms live is called habitat.	1 1
	SECTION C (3X3=9)	
11	a) Proteins are required for making new cells. Thus, it helps in the growth of a person and also development of muscles. (ANY TWO) b) Stunted growth, swelling of face, discolouration of hair, skin diseases and diarrhoea. (ANY TWO)	$1 + 1 = 2$  $\frac{1}{2} + \frac{1}{2} = 1$
12	a) Part 1 – Petiole, Part 2 – Midrib, Part 3 – Lamina, Part 4 – Veins b) The leaf has reticulate venation. In reticulate venation, veins form a network like appearance.	$\frac{1}{2} * 4 = 2$  1

13	 <p><b>a)</b> (a) Stamen</p> <p><b>b)</b> Functions of sepals: Sepals protect the inner parts of flower when it is a bud.</p>	<p>Diagram-1 Labelling-<math>\frac{1}{2} + \frac{1}{2} = 1</math></p> <p>1</p>
<b>SECTION D (1X5=5)</b>		
14	<p><b>i)</b> A-Iron B- Vitamin D</p> <p><b>ii)</b> It adds bulk to our food, helps our body to get rid of undigested food.</p> <p><b>iii)</b> Water is essential for absorbing nutrients from the food and also helps in the removal of waste materials from our body in the form of urine and sweat.</p>	<p>1</p> <p><math>1+1=2</math></p> <p><math>1+1=2</math></p>
<b>SECTION E (1X3=3)</b>		
15	<p><b>i)</b> Green plants prepare their own food by the process called photosynthesis.</p> <p><b>ii)</b> The main function of leaf is to prepare food for the plants.</p> <p><b>iii)</b> The green pigment present in leaves are called chlorophyll. Sunlight is absorbed with the help of chlorophyll.</p>	<p>1</p> <p>1</p> <p><math>\frac{1}{2} + \frac{1}{2} = 1</math></p>