

**Quarterly Common Examination Sep – 2023****Science – Answer Key****VI Standard**

Question No.	Answer Key	Marks										
<b>PART-A</b>												
I.1.	(a) measuring tape	1										
2.	(c) to and fro movement of a vibrating string	1										
3.	(d) Air	1										
4.	(a) root	1										
5.	(d) cilia	1										
6.	(d) minerals	1										
7.	(a) hand picking	1										
8.	(d) Charles babbage	1										
9.	(c) vitamin C	1										
10.	(c) air, food, and water	1										
<b>PART-B</b>												
II.11.	Mass is the measure of the amount of matter in an object.	2										
12.	1. AIDS 2. Hepatitis	2										
13.	We should not wash the fruits and vegetables after cutting, because the minerals and protein in the fruits and vegetables will also be washed away.	2										
14.	(i) non contact force (ii) filtration	2										
15.	(i) True (ii) True	1 1										
16.	<table border="1" style="width: 100%;"> <tr> <td>(1) Mountain</td> <td>Himalayas</td> </tr> <tr> <td>(2) Desert</td> <td>Dry place</td> </tr> <tr> <td>(3) Stem</td> <td>Branches</td> </tr> <tr> <td>(4) Photosynthesis</td> <td>Leaves</td> </tr> </table>	(1) Mountain	Himalayas	(2) Desert	Dry place	(3) Stem	Branches	(4) Photosynthesis	Leaves	2		
(1) Mountain	Himalayas											
(2) Desert	Dry place											
(3) Stem	Branches											
(4) Photosynthesis	Leaves											
17.	(i) 1 millimetre, 1 centmetre, 1 metre, 1 kilometre (ii) kilogram	1 1										
18.	(1) Anaemia (2) Filtration	1 1										
19.	Keyboard, Mouse, Scanner and Web camera, etc.	2										
20.	Rotation of the earth is a periodic motion because it takes equal interval of time for all rotations.	2										
21.	<table border="1" style="width: 100%;"> <tr> <td>Property</td> <td>Example</td> </tr> <tr> <td>Breaks easily</td> <td>Mud Pot</td> </tr> <tr> <td>Bends readily</td> <td>Plastic wire</td> </tr> <tr> <td>Can be stretched</td> <td>Rubber band</td> </tr> <tr> <td>Gets heated readily</td> <td>Metal Pan</td> </tr> </table>	Property	Example	Breaks easily	Mud Pot	Bends readily	Plastic wire	Can be stretched	Rubber band	Gets heated readily	Metal Pan	2     <b>2</b>
Property	Example											
Breaks easily	Mud Pot											
Bends readily	Plastic wire											
Can be stretched	Rubber band											
Gets heated readily	Metal Pan											

22.	Sedimentation is the deposition process of setting down of heavy solids in a mixture of liquid and an insoluble solid.							
23.	Shoe Flower, Ferns, Crotons, Roses, Lilies, Cactus, Coconut Trees, Royal Palm, Clitoria, Cycas, Agave, Allamanda, Tomato, Brinjal, Lady's Finger etc in Terrace garden.	2						
24.	<table border="1"> <tbody> <tr> <td>Carbohydrate</td> <td>Protein</td> </tr> <tr> <td>Energy giving component of the food</td> <td>It is body building foods.</td> </tr> <tr> <td>The sources of carbohydrate are nuts, fruits, rice and maize.</td> <td>The sources of proteins are pulses, soyabean, nuts, egg, and fish.</td> </tr> </tbody> </table>	Carbohydrate	Protein	Energy giving component of the food	It is body building foods.	The sources of carbohydrate are nuts, fruits, rice and maize.	The sources of proteins are pulses, soyabean, nuts, egg, and fish.	2
Carbohydrate	Protein							
Energy giving component of the food	It is body building foods.							
The sources of carbohydrate are nuts, fruits, rice and maize.	The sources of proteins are pulses, soyabean, nuts, egg, and fish.							
25.	Thick skin for protection, white fur	2						
<b>PART-C</b>								
26.	<p>1. Based on Path :</p> <ol style="list-style-type: none"> <li>Linear motion. – Ex.: Parade of the soldiers.</li> <li>Curvilinear motion. – Ex.: Paper flight moving.</li> <li>Circular motion. – Ex.: Swirling stone tied to the rope.</li> <li>Rotatory motion. – Ex.: Rotating top.</li> <li>Oscillatory motion. – Ex.: Clock pendulum.</li> <li>Zigzag (irregular) motion. – Ex.: Motion of a bee.</li> </ol> <p>2. Based on Duration :</p> <ol style="list-style-type: none"> <li>Periodic motion. – Ex.: Motion of a bob of simple Pendulum.</li> <li>Non periodic motion. – Ex.: Swaying of the branches of a tree.</li> </ol> <p>3. Based on Speed:</p> <ol style="list-style-type: none"> <li>Uniform motion. – Ex.: Elour hand of a clock.</li> <li>Non – uniform motion. – Ex.: Motion of a train, as it leaves a station.</li> </ol>	5						
27.	<p>1)</p> <table border="1"> <thead> <tr> <th>Pure Subatance</th> <th>Impure Substance</th> </tr> </thead> <tbody> <tr> <td>It is made up of only one kind of particles</td> <td>It is made up of only one kind of particles</td> </tr> <tr> <td>Unadulterated</td> <td>Unadulterated</td> </tr> </tbody> </table> <p>2) Food adulteration is the process in which the quality of food is lowered either by the addition of inferior quality material or by extraction of valuable ingredient.</p> <p>3) An international system of unit</p>	Pure Subatance	Impure Substance	It is made up of only one kind of particles	It is made up of only one kind of particles	Unadulterated	Unadulterated	5
Pure Subatance	Impure Substance							
It is made up of only one kind of particles	It is made up of only one kind of particles							
Unadulterated	Unadulterated							
28.	<ol style="list-style-type: none"> <li>The long leg of camel helps to keep its body away from the desert.</li> <li>Camel will drink large amount of water and store it in the body.</li> <li>Camel produce only small quantity of urine.</li> <li>The stored fat in the hump can break down for nourishment</li> <li>A camel has large and flat padded feet which helps in walking easily on soft sand.</li> <li>The long eyelashes and hairs protect its eyes and ears from flowing dust.</li> <li>It can keep its nostrils closed to avoid dust</li> </ol>	5						

29.	<table border="1"> <thead> <tr> <th data-bbox="272 98 464 136">Vitamin</th> <th data-bbox="464 98 1059 136">Deficiency Disease</th> </tr> </thead> <tbody> <tr> <td data-bbox="272 136 464 174">Vitamin A</td> <td data-bbox="464 136 1059 174">Night blindness</td> </tr> <tr> <td data-bbox="272 174 464 212">Vitamin B</td> <td data-bbox="464 174 1059 212">Beriberi</td> </tr> <tr> <td data-bbox="272 212 464 250">Vitamin C</td> <td data-bbox="464 212 1059 250">Scurvy</td> </tr> <tr> <td data-bbox="272 250 464 288">Vitamin D</td> <td data-bbox="464 250 1059 288">Rickets</td> </tr> <tr> <td data-bbox="272 288 464 327">Vitamin E</td> <td data-bbox="464 288 1059 327">Nerve weakness, Vision deterioration</td> </tr> <tr> <td data-bbox="272 327 464 365">Vitamin K</td> <td data-bbox="464 327 1059 365">Weakness of the bones, teeth etc.</td> </tr> </tbody> </table>	Vitamin	Deficiency Disease	Vitamin A	Night blindness	Vitamin B	Beriberi	Vitamin C	Scurvy	Vitamin D	Rickets	Vitamin E	Nerve weakness, Vision deterioration	Vitamin K	Weakness of the bones, teeth etc.	5
Vitamin	Deficiency Disease															
Vitamin A	Night blindness															
Vitamin B	Beriberi															
Vitamin C	Scurvy															
Vitamin D	Rickets															
Vitamin E	Nerve weakness, Vision deterioration															
Vitamin K	Weakness of the bones, teeth etc.															
30.	<ol style="list-style-type: none"> <li>1. Computer is used in textile shops for billing purpose.</li> <li>2. It is used in railway station for issuing tickets.</li> <li>3. It is used in the banks for multi purpose.</li> <li>4. It is used in the ATMs.</li> <li>5. It is used in Post office</li> </ol>	5														
31.	<p>Functions of root:</p> <p>The root,</p> <ul style="list-style-type: none"> <li>• Fixes the plant to the soil.</li> <li>• Absorbs water and minerals from the soil.</li> <li>• Stores food in some plants like carrot and beet root.</li> </ul> <p>Functions of stem:</p> <p>The stem,</p> <ul style="list-style-type: none"> <li>• Supports the branches, leaves, flowers and fruits.</li> <li>• Transports water and minerals from roots to upper aerial plant parts.</li> <li>• Transports the prepared food from leaves to other parts.</li> <li>• Stores food as in the case of sugarcane.</li> </ul>	5														