

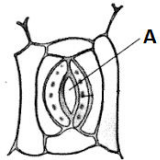


**INDIAN SCHOOL MUSCAT  
MIDDLE SECTION  
FIRST PERIODIC TEST 2019-20**



	<b><u>SUBJECT –SCIENCE – SET A</u></b>	<b>Code: MYSC03</b>
CLASS: VII		Time Allotted: <b>40</b> minutes.
23.05.2019	<b><u>ANSWER KEY(SET-A)</u></b>	Max. Marks: <b>20</b> Marks obtained: <span style="border: 1px solid black; display: inline-block; width: 50px; height: 30px; vertical-align: middle;"></span>

Q.NO.	<b><u>SECTION A</u></b>	
	<b><u>FILL IN THE BLANKS</u></b>	<b>Marks</b>
1.	The clinical thermometer has a <b><u>kink</u></b> to prevent the backflow of mercury.	1
2.	Organisms which derive nutrition from dead and decaying organisms are called <b><u>saprotrophs</u></b> .	1
3.	Dark coloured umbrellas are not preferred during <b><u>summer</u></b> season	
4.	The <b>Sun</b> is the ultimate source of energy for all living organisms.	1
5.	The degree of hotness or coldness of an object is called as its <b><u>temperature</u></b> .	1
6.	The food prepared by leaves is stored as <b><u>starch</u></b> in the plants.	1
	<b><u>MULTIPLE CHOICE QUESTIONS</u></b>	
7.	Plants require nitrogen for synthesis of _____ a) fats    b) proteins    c) glucose    d) food	Answer: b) <b>proteins</b>
8.	A burning candle emits radiation in the form of a) heat    b) light    c) <b>both a) and b)</b> d) none of these	Answer: c) <b>both a) and b)</b>
9.	The components that are necessary for our body's growth are called a) Vitamins    b) Fats    c) <b>Nutrients</b> d) Minerals	Answer: c) <b>Nutrients</b>
10.	A marble tile would feel cold as compared to a wooden tile on a winter morning, because the marble tile a) <b>is a better conductor of heat than the wooden tile.</b> b) is polished while wooden tile is not polished. c) absorbs more heat than wooden tile. d) is a poor conductor of heat than the wooden tile.	Answer: a) <b>is a better conductor of heat than the wooden tile.</b>

11.	<p>The equation given below represents photosynthesis.</p> $\text{X} + \text{Water} \xrightarrow[\text{Sunlight}]{\text{Chlorophyll}} \text{Glucose} + \text{Y}$ <p>Which of the following is represented by X and Y in the given equation?</p> <p>a) X - Carbon dioxide, Y- Oxygen b) X - Oxygen, Y - Carbon c) X - Carbon dioxide, Y – Hydrogen d) X - Oxygen, Y - Carbon dioxide</p>	<p>Answer:</p> <p>a) X - Carbon dioxide, Y- Oxygen</p>	1
12.	<p>An example of the insulator of heat is</p> <p>a) Iron b) Aluminum c) Rubber d) Silver</p>	<p>Answer:</p> <p>c) Rubber</p>	1
<b><u>SECTION B</u></b>			
<b><u>ANSWER IN ONE WORD OR ONE SENTENCE</u></b>			
1.	<p><b>Cuscuta is an example of which kind of plant?</b></p> <p><b>Ans:</b> Parasitic plant</p>		1
2.	<p><b>Why convection is not possible in the solids?</b></p> <p><b>Ans:</b> The molecules of solid are held strongly due to intermolecular forces. As these molecules cannot travel to the source of heat energy, convection is not possible in case of solids. (1/2 mark each point)</p>		1
3.	<p><b>Observe the following figure and identify it and label the part A.</b></p>  <p><b>Ans: Stomata (1/2 mark) A: Guard cells (1/2 mark)</b></p>		1
4.	<p><b>Convert 40 °F to the Celsius (° C) scale.</b></p> <p>° C = 5/ 9 (F – 32) ° {formula (1/2 mark) &amp; calculation (1/2 mark)}</p> <p>° C = 5 (-72)/ 9</p> <p>° C = 5/ 9 (F – 32)</p> <p>° C = <u>-40° C</u></p>		1
<b><u>ANSWER THE FOLLOWING IN TWO SENTENCES</u></b>			

5.	<p><b>Sheetal used laboratory thermometer to measure the body temperature. Is she right in her choice? If so why? Suggest a better idea if any.</b></p> <p><b>Ans:</b> No, Sheetal is not right in her choice <b>(1/2 mark)</b> as the range of laboratory thermometer is from <b>–10°C to 110°C</b> and it does not have kink to prevent back flow of mercury <b>(1/2 mark)</b></p> <p>So, using a clinical thermometer is used to measure the body temperature <b>(35°C to 42°C)</b> would be a better idea. <b>(1 mark)</b></p>	2
6.	<p><b>What is meant by symbiotic relationship? Give an example.</b></p> <p><b>Ans:</b> Some organisms live together and share shelter and nutrients. This is called symbiotic relationship. <b>(1 mark)</b></p> <p>For example, <b>Lichens or Rhizobium</b> found in roots of leguminous plants. <b>(1 mark)</b></p>	2

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