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	INDIAN SCHOOL MUSCAT MIDDLE SECTION FIRST PERIODIC TEST 2022-23	
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	<u>SCIENCE – SET B</u>	Code: MYSC02
CLASS: VII	ANSWER KEY	Time Allotted: 40 minutes.
22.05.2022		Max. Marks: 20 Marks obtained: <input style="width: 50px; height: 20px; border: 1px solid black;" type="text"/>

General Instructions:

1. **All** questions are **compulsory**.
2. **All answers should be written in the space provided in the question paper.**

Q.NO.	<u>SECTION A</u>		
	<u>MULTIPLE CHOICE QUESTIONS</u>	Answers	Marks
1	What is the SI unit of temperature? (a) Kelvin (b) Celsius (c) Fahrenheit (d) None of these	(a) Kelvin	1
2	Pitcher plant traps insects because it (a) is a heterotroph (b) grows in soils which lacks nitrogen (c) does not have chlorophyll (d) has a digestive system like human beings	(b) grows in soils which lacks nitrogen	1
3	Heat always flows (a) from a colder object to a hotter object (b) from a hotter object to a colder object (c) in both the directions (d) heat never flows from one object to other	(b) from a hotter object to a colder object	1

4	<p>The mode of heat transfer that takes place only in fluids is</p> <p>a) Conduction c) Convection b) Radiation d) None of these</p>	c) Convection	1
5	<p>Which of the following statements is/are correct? (i) All green plants can prepare their own food. (ii) Most animals are autotrophs. (iii) Carbon dioxide is not required for photosynthesis. (iv) Oxygen is liberated during photosynthesis. Choose the correct answer from the options below (a) (i) and (iv) (b) (ii) only (c) (ii) and (iii) (d) (i) and (ii)</p>	(a) (i) and (iv)	1
6	<p>A beggar wrapped himself with a few layers of newspaper on a cold winter night. This helped him to keep himself warm because: (a) friction between the layers of newspaper produces heat. (b) air trapped between the layers of newspaper is a bad conductor of heat. (c) newspaper is a conductor of heat. (d) newspaper is at a higher temperature than the temperature of the surroundings.</p>	(b) air trapped between the layers of newspaper is a bad conductor of heat.	1
7	<p>The raw materials used for photosynthesis are: (a) Carbon dioxide, oxygen (b) Carbon dioxide, water (c) Nitrogen, water (d) oxygen, water</p>	(b) Carbon dioxide, water	1
8	<p>Which of the following statement is correct? a) Solid expand more than liquids. b) Solid expand more than gases. c) Liquids expand more than gases. d) Liquids expand more than solids.</p>	d) Liquids expand more than solids.	1
9	<p>The organisms which prepare their own food are known as (a) saprotrophs (b) autotrophs (c) heterotrophs (d) none of these</p>	(b) autotrophs	1

4	<p>Write the range of temperature marked on a Clinical thermometer and also state the function of kink or constriction in it.</p> <p>The range of temperature is 35°C to 42°C - 1/2m To prevent the back flow of mercury in the bulb - 12m</p>	1						
	<u>ANSWER THE FOLLOWING IN TWO SENTENCES</u>							
5	<p>Give any two differences between</p> <table border="1" data-bbox="203 835 1354 1276"> <thead> <tr> <th data-bbox="203 835 802 890">Sea breeze</th> <th data-bbox="802 835 1354 890">Land breeze.</th> </tr> </thead> <tbody> <tr> <td data-bbox="203 890 802 1056">During day time</td> <td data-bbox="802 890 1354 1056">During night time</td> </tr> <tr> <td data-bbox="203 1056 802 1276">It flows from sea to land</td> <td data-bbox="802 1056 1354 1276"> It flows from land to sea - Any two correct points </td> </tr> </tbody> </table>	Sea breeze	Land breeze.	During day time	During night time	It flows from sea to land	It flows from land to sea - Any two correct points	2
Sea breeze	Land breeze.							
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6	<p>Give one similarity and one difference between parasitism and symbiosis.</p> <p>similarity – Two organism involves in both,</p> <p>both are heterotrophic mode of nutrition</p> <p>– any one point -1m</p> <p>Difference – In Parasitism one organism benefited and harmful to other</p> <p>but in symbiosis both organisms are mutually benefited</p> <p>– 1m</p>	2						

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