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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		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		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		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		1
4	The mode of heat transfer that takes place only in fluids is a) Conduction c) Convection b) Radiation d) None of these		1
5	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.		1

	(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)		
6	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.		1
7	The raw materials used for photosynthesis are: (a) Carbon dioxide, oxygen (b) Carbon dioxide, water (c) Nitrogen, water (d) oxygen, water		1
8	Which of the following statement is correct? a) On heating, solid expand more than liquids. b) On heating, solid expand more than gases. c) On heating, liquids expand more than gases. d) On heating, liquids expand more than solids.		1
9	The organisms which prepare their own food are known as (a) saprotrophs (b) autotrophs (c) heterotrophs (d) none of these		1
10	Sunlight reaches the earth's surface through (a) convection (b) radio waves (c) conduction (d) radiation		1
11	Which of these is a good conductor of heat? a) Wool c) Straw b) Water d) Copper		1
12	Which of the following is a parasitic plant? (a) Pitcher plant (b) Cuscuta		1

	(c) Algae (d) Lichens		
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SECTION B

ANSWER IN ONE WORD OR ONE SENTENCE

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|---|--|---|
| 1 | Mushrooms are called as saprophytes. Give reason | 1 |
| 2 | Write the function of the chlorophyll in photosynthesis and also name the gas formed during this process. | 1 |
| 3 | Handles of pressure cooker made of thick plastic. Why? | 1 |
| 4 | Write the range of temperature marked on a Clinical thermometer and also state the function of kink or constriction in it. | 1 |

ANSWER THE FOLLOWING IN TWO SENTENCES

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|---|----------------------------------|---|
| 5 | Give any two differences between | 2 |
|---|----------------------------------|---|

Sea breeze	Land breeze.

6 Give one similarity and one difference between parasitism and symbiosis.

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