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	INDIAN SCHOOL MUSCAT MIDDLE SECTION FIRST PERIODIC TEST 2022-23	
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	<u>SCIENCE – SET A</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	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)		1
2	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
3	The raw materials used for photosynthesis are: (a) Carbon dioxide, oxygen (b) Carbon dioxide, water (c) Nitrogen, water (d) oxygen, water		1
4	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) newspaper is a conductor of heat.		1

	(c) air trapped between the layers of newspaper is a bad conductor of heat. (d) newspaper is at a higher temperature than the temperature of the surroundings.		
5	Which of the following is a parasitic plant? (a) Pitcher plant (b) Cuscuta (c) Algae (d) Lichens		1
6	What is the SI unit of temperature? (a) Kelvin (b) Celsius (c) Fahrenheit (d) None of these		1
7	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
8	Sunlight reaches the earth's surface through (a) convection (b) radiation (c) conduction (d) radio waves		1
9	The organisms which prepare their own food are known as (a) autotrophs (c) saprotrophs (b) heterotrophs (d) none of these		1
10	Which of these is a good conductor of heat? a) Wool c) Straw b) Water d) Copper		1
11	The mode of heat transfer involved in the formation of land breeze and sea breeze is a) Conduction c) Convection b) Radiation d) None of these		1
12	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

SECTION B

ANSWER IN ONE WORD OR ONE SENTENCE

- 1 What is the function of guard cells in stomata? 1
- 2 State the function of Rhizobium bacteria in leguminous plants? 1
- 3 Handles of pressure cooker is made of thick plastic. Why? 1
- 4 State any two precautions to be followed while using a Laboratory thermometer. 1

ANSWER THE FOLLOWING IN TWO SENTENCES

- 5 Write any two differences between 2

Conduction	Convection

6 What are saprophytes? Give an example.

2