Name		Roll Number	
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INDIAN SCHOOL MUSCAT MIDDLE SECTION FIRST PERIODIC TEST 2022-23



	SCIENCE – SET B	Code: MYSC02
CLASS: VII	ANSWER KEY	Time Allotted: 40 minutes.
22.05.2022		Max. Marks: 20
		Marks obtained:

General Instructions:

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

Q.NO.	SECTION A		
	MULTIPLE CHOICE QUESTIONS	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

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4	The mode of heat transfer that takes place only in fluids is	c) Convection	
			1
	a) Conduction c) Convection		
	b) Radiation d) None of these		
	Which of the following statements is/are correct?	(a) (i) and (iv)	
5	(i) All green plants can prepare their own food.		1
	(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)		
	A beggar wrapped himself with a few layers of newspaper on a	(b) air trapped	
6	cold winter night. This helped him to keep himself warm because:	between the	1
	(a) friction between the layers of newspaper produces heat.	layers of	
	(b) air trapped between the layers of newspaper is a bad	newspaper is a	
	conductor of heat.	bad conductor of heat.	
	(c) newspaper is a conductor of heat.	of fleat.	
	(d) newspaper is at a higher temperature than the temperature of the surroundings.		
7	The raw materials used for photosynthesis are:	(b) Carbon	4
,	(a) Carbon dioxide, oxygen(b) Carbon dioxide, water	dioxide, water	1
	(c) Nitrogen, water		
	(d) oxygen, water		
	Which of the following statement is correct?	d)Liquids	
8	•	expand more	1
	a) Solid expand more than liquids.b) Solid expand more than gases.	than solids.	
	c) Liquids expand more than gases.		
	d) Liquids expand more than solids.		
	The organisms which prepare their own food are known as	(b) autotrophs	1
9	(a) saprotrophs		
	(b) autotrophs (c) heterotrophs		
	(d) none of these		

10	Sunlight reaches the earth's surface through (a) convection (b) radio waves (c) conduction (d) radiation	(d) radiation	1
11	Which of these is a good conductor of heat?	d) Copper	1
	a) Wool c) Straw b) Water d) Copper		
12	Which of the following is a parasitic plant? (a) Pitcher plant (b) Cuscuta (c) Algae (d) Lichens	(b) Cuscuta	1
	SECTION B		1
	ANSWER IN ONE WORD OR ONE SENTENCE		
1	Mushrooms are called as saprophytes. Give reason This is because they grow on dead and decaying organic matte	er – 1m	1
2	Write the function of the chlorophyll in photosynthesis and also name the gas formed during this process. It helps to trap the sunlight – ½ m		1
	Oxygen – 1/2m		
3	Handles of pressure cooker made of thick plastic. Why?		1
	This is because plastic is a good insulator of heat – 1m		

4	Write the range of temperature marked on a Clinical thermometer and also state the function of kink or constriction in it.		1
	The range of temperature is 35°C to 42°C - 1/2m To prevent the back flow of mercury in the bulb - 12m		
	ANSWER THE FOLLOWING IN TWO SE	NTENCES	
5	Give any two differences between		2
İ	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	
6	Give one similarity and one difference betw	veen parasitism and symbiosis.	2
	similarity – Two organism involves in both,		
	both are heterotrophic mode of nutrition		
	– any one point -1m		
	Difference – In Parasitism one organism benefited and harmful to other		
	but in symbiosis both organisms are mutually benefited		
		– 1m	

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