



# MADHUVANI SANGAM PRIMARY SCHOOL

## STUDENTS WORKSHEET # 1 COVID- 19 (EXTENDED SCHOOL BREAK)

<b>SUBJECT</b>	<b>Basic Science</b>	<b>YEAR</b>	<b>7</b>
<b>NAME</b>		<b>ADDRESS</b>	

### SECTION A MULTIPLE CHOICE

#### *CIRCLE THE LETTER OF THE BEST ANSWER*

1. Living things need food for \_\_\_\_\_.

- A. air            B. relationship            C. growth            D. breathing

2. A plant's function in a food chain is \_\_\_\_\_.

- A. consumer            B. carnivore            C. decomposer            D. producer

3. Which of the following is a non-living thing?

- A. Cat            B. Dog            C. River            D. Seaweed

4. Photosynthesis and respiration belongs to \_\_\_\_\_ cycle.

- A. carbon            B. water            C. phosphorus            D. nitrogen

5. Plants and animals have special structures and behaviors called \_\_\_\_\_.

- A. defense            B. habitat            C. adaptation            D. producer

6. A feature of living things, that involves eating is to directly

- A. gets energy from food.  
B. produces new offspring.  
C. moves at least a part or parts of its body.  
D. removes wastes that build up in their bodies.

7. Which of these factors affects the increase in animal population?

- A. Diseases            B. Migration            C. Food availability            D. Seasonal changes

8. Nectar of flower → Butterfly → Lizard → Bird

Which organism in the above food chain is a herbivore?

- A. Bird                      B. Lizard                      C. Butterfly                      D. Nectar of flower

9. The control method that uses other organisms to control pest is called a \_\_\_\_\_ control.

- A. physical                      B. chemical                      C. biological                      D. mechanical

10. Which of the following wastes found in schools can be used in compost?

- A. paper                      B. chalk                      C. dried leaves                      D. plastic bottles

### **SECTION B TRUE AND FALSE**

**READ THE FOLLOWING STATEMENTS CAREFULLY. WRITE TRUE OR FALSE AGAINST THE NUMBER OF EACH STATEMENT.**

1. Mushrooms and yeast belong to the Kingdom of Bacteria. \_\_\_\_\_
2. The tongue helps in mixing food with saliva. \_\_\_\_\_
3. Decomposers break down dead plants and animals. \_\_\_\_\_
4. Mangrove seedlings are called propagules. \_\_\_\_\_
5. A lion is an example of a producer. \_\_\_\_\_
6. Lenticels are pores found on the surface of stems. \_\_\_\_\_
7. A food chain only shows a single pathway of what an organism eats. \_\_\_\_\_
8. Butterflies have protective shells for gas exchange. \_\_\_\_\_

### **SECTION C SHORT ANSWER QUESTIONS**

**ANSWER ALL QUESTIONS IN THE SPACE PROVIDED.**

(i) Write down one way in which Nitrogen is transferred from the atmosphere to plants.

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(ii) Define the terms Nitrogen Fixation and Denitrification.

Nitrogen Fixation \_\_\_\_\_

\_\_\_\_\_

Denitrification \_\_\_\_\_

\_\_\_\_\_

(iii) What is a spiracle and state its importance.

Spiracle: \_\_\_\_\_

\_\_\_\_\_

Importance: \_\_\_\_\_

\_\_\_\_\_

(iv) Write one reasons as to why conservation of the environment is important.

Reason (I): \_\_\_\_\_

\_\_\_\_\_

(v) What is the long form of STI and name one you have studied?

\_\_\_\_\_

(vi) Define ecosystem and give an example.

\_\_\_\_\_

### **SECTION D MATCHING**

**MATCH THE DEFINITIONS IN COLUMN 1 WITH THE CORRECT TERMS IN COLUMN 2**

	COLUMN 1		COLUMN 2
1.	Biodiversity		(a) Mangrove replanting along the coastline area.
2.	Hydroponics		(b) Integrated Pest Management
3.	Sustainable ecosystem		(c) A wide variety of different living organisms in a given time and place
4.	Reforestation		(d) Marine eco-park is an example.
5.	El Nino		(e) Growing plants using mineral nutrient solutions in water
6.	Weather		(f) To eliminate infestation without harming crops and other organisms.
7.	Chlorofluorocarbon		(g) Spray cans and refrigerators
8.	Proboscis		(h) Coals and oil

9.	Natural pest control method		(i) Mouthpart of flies that draws up food.
10.	Solving pest problems		(j) Water near the equator gets hotter than usual and affects the weather.
11.	Fossil fuels		(k) A short term state of the atmosphere such as temperature and precipitation