

Grade- VII

Name of the Student: \_\_\_\_\_ Grade/Sec: \_\_\_\_\_ Branch \_\_\_\_\_

## PHYSICS

1. Wind doesn't help in the movement of?
2. Why usually Mountaineers carry oxygen cylinders with them?
3. Explain the composition of air.
4. What are the factors that affect the evaporation at a faster rate.
5. Define following terms?
  - a. Wind
  - b. Breeze
  - c. Storm
6. Explain the types of breeze that take place during the day and night time.
7. List out the natural calamity that occurs
8. On what factors natural disasters may occur.
9. What are the properties of air?
10. What is the role of long chimney in factories?
11. What is the important of oxygen in our daily life?
12. What happens if the percentage of the oxygen becomes 70%?

### Fill in blanks

- a. The Oxygen helps in breaking down the digested food in the body to release the \_\_\_\_\_
- b. Initial drops of first rain bring a lot of \_\_\_\_\_ along with them.
- c). the method of separating two components of a mixtures based upon the wind is \_\_\_\_\_
- d). Nitrogen of the air is used on a large scale to manufacture \_\_\_\_\_
- e). \_\_\_\_\_ air is used in tyres of vehicles.
- f). Air is present in atmosphere, water and \_\_\_\_\_

# BIOLOGY

## I. Fill in the blanks

1. Frog has lungs and \_\_\_\_\_ a respiratory organ.
2. Closing and opening of stomata is controlled by \_\_\_\_\_
3. Saliva is secreted in the mouth by \_\_\_\_\_
4. Amoeba digests its food in the \_\_\_\_\_
5. A flower may have either male or female reproductive parts is called \_\_\_\_\_

## II. How the following animals do takes in their food?

Name of the animals	Mouth parts to catch prey
Hydra	
Paramecium	
Frog	
Butterflies and house flies	

## III.

Define sexual reproduction?

Define nutrition?

Give an example of saprophytes?

What type of venation is seen in maize leaf?

## IV.

What are different components of food?

Write the importance of of forest?

Why plants required nutrition?

Name the cell organell responsible for photosynthesis?

Write about hinge joint?

## V.

Draw stomata

Draw structure of kidneys

Draw the diagram of amoeba