

# DWARKA INTERNATIONAL SCHOOL

## HOLIDAY HOMEWORK

### 10<sup>TH</sup> BIOLOGY

#### A. WRITE FOLLOWING PRACTICALS IN PRACTICAL FILE

1. Preparing a temporary mount of a leaf peel to show stomata.
2. Experimentally show that carbon dioxide is given out during respiration.

#### B. SOLVE FOLLOWING QUESTION IN NOTEBOOK

1. How is 'respiration' different from 'breathing'? Explain the process of aerobic and anaerobic respiration.
2. Explain the schematic representation of gaseous exchange in tissues.
3. Compare the functioning of alveoli in the lungs and nephrons in the kidneys with respect to their structures and functioning?
4. What is the significance of emulsification of fats?
5. Why is the small intestine in herbivores larger than in carnivores?
6. 8. Explain the process by which inhalation occurs during breathing in human beings?

#### C. PREPARE A PORTFOLIO/ PROJECT ON TOPIC 'MANAGEMENT OF NATURAL RESOURCES'

<https://docs.google.com/presentation/d/1z55GKfGYbn91opusL8hf1cDhbWcOYYhYYXvo6BE5pC0/htmlpresent>