



DELHI PUBLIC SCHOOL FIROZABAD

(UNDER THE AEGIS OF DELHI PUBLIC SCHOOL SOCIETY EAST OF KAILASH NEWDELHI)

(A SENIOR SECONDARY SCHOOL)

AFFILIATED TO CBSE, AFFILIATION NO. 2133064 SCHOOL NO: 61225



Class –XI Subject –**BIOLOGY** Name: _____

Roll no: _____ Worksheet No- 1

Date: 14/01/2022

CHAPTER : Breathing and exchange of gases.

All questions are compulsory.

Very short answer type questions

- 1) Define the following: Tidal volume, Residual volume, Asthma.
- 2) Write the name and important function of the fluid filled double membrane layer surrounding the lungs.
- 3) Write the organs of respiration in the given animals: earthworm, frog, birds and grasshopper.
- 4) What is the difference in breathing and respiration?
- 5) Write the formula for respiratory quotient.
- 6) Write difference between emphysema and occupational respiratory disorder.
- 7) Name the respiratory pigment in the blood of mammals.
- 8) Why are erythrocytes unable to carry out cellular oxidation?
- 9) What is glottis?
- 10) How respiration fulfill the energy requirement of an organism?