



INDIAN SCHOOL DARSAIT

DEPARTMENT OF BIOLOGY

Subject : BIOLOGY	Topic : BREATHING AND EXCHANGE OF GASES	Date of Worksheet: 06-06-2018
Resource Person: Mrs. S. Subhaja Nandakumar		
Name of the Student: _____	Class & Division : XI Div. __	Roll Number : __

ANSWER THE FOLLOWING

- 1) Which organ of our respiratory system acts as primary site of exchange of gases? 1
- 2) Name the muscles which facilitate breathing. 1
- 3) How is the entry of food prevented in the respiratory tract? 1
- 4) What is the role of oxyhaemoglobin after releasing molecular oxygen in the tissues? 1
- 5) Name the principle or process of exchange of gases. 1
- 6) Cigarette smoking causes emphysema. Give reason. 1
- 7) About 97% of O₂ is transported by RBCs in the blood. How is the remaining 3 % of O₂ transported? 2
- 8) Give the name and function of a fluid filled double membranous layer which surround the lungs. 2
- 9) How many oxygen molecules can be carried out by one haemoglobin molecule? 2
- 10) Name the organ in human respiratory system which produces sound. 2
- 11) Name the organs of respiration in the organisms. 2
(a) Flatworms (b) Birds (c) Frog (d) Cockroach
- 12) Explain the neural control of respiration in human 3