



INDIAN SCHOOL DARSAIT

DEPARTMENT OF BIOLOGY



Subject : Biology

Topic : Life Processes -
Respiration

Date of worksheet : 2 - 5 -2017

Resource Person: Zehra Fatima

Date of Submission : _____

Name of the Student : _____

Class & Division : X__

Roll Number : __

S.No.	Questions	Marks
1 .	On which layer of leaf epidermis do you find more number of stomata present and why?	1
2.	Name the respiratory organs in Fish and Earthworm	1
3.	How is ATP formed during cellular respiration?	1
4.	Which part of lungs in human beings maximize the area for exchange of gases?	1
5.	What is Cellular Respiration? Mention the end products of anaerobic respiration in yeast.	1
6.	What is the role of rings of cartilage present in tracheae?	1
7.	State the function of the following: (i) Fine hair in nostrils (ii) Haemoglobin in blood	2
8.	Name the respiratory pigment found in human body. Explain its role?	2
9.	Describe the mechanism of breathing	2
10.	What advantage does a terrestrial organism have over an aquatic organism with regard to process of respiration?	2
11.	Write the difference between inhalation and exhalation.	2
12.	Explain the different pathways by which glucose is broken down by organisms.	3
13.	What are stomata? How does gaseous exchange takes place in plants?	3
14.	After a vigorous exercise, you may experience cramps in your leg muscles. Why does this happen?	3
15.	What are the differences between aerobic and anaerobic respiration? Name an organism that uses anaerobic mode of respiration.	3
16.	Explain the process of breathing in Human Beings with the help of a labelled diagram showing Human Respiratory system.	5