



INDIAN SCHOOL DARSAIT

DEPARTMENT OF BIOLOGY



Subject : Biology	Topic : Life Processes - Respiration	Date of worksheet :10-4-2018
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.	Name the intermediate and the end product of glucose break down in aerobic respiration.	1
5..	State the role of rings of cartilage present in tracheae?	1
6.	What is Cellular Respiration? Mention the end products of anaerobic respiration in yeast.	1
7.	Which part of lungs in human beings maximize the area for exchange of gases?	1
8.	State the function of the following: (i) Fine hair in nostrils (ii) Haemoglobin in blood	1
9.	Name the respiratory pigment found in human body. Explain its role?	1
10.	Describe the mechanism of breathing	1
11.	What advantage does a terrestrial organism have over an aquatic organism with regard to process of respiration?	1
12.	Write the difference between inhalation and exhalation.	2
13.	After a vigorous exercise, you may experience cramps in your leg muscles. Why does this happen?	2
14.	Draw a well labelled diagram of stomata. Explain how does gaseous exchange takes place in plants?.	3

15. Explain the different pathways by which glucose is broken down by organisms. 3
16. What are the differences between aerobic and anaerobic respiration? Name an organism that uses anaerobic mode of respiration. 3