



INDIAN SCHOOL DARSAIT DEPARTMENT OF BIOLOGY



Subject : Biology

Topic : Locomotion and
Movement

Date of worksheet : 23-10 -2017

Resource Person: Zehra Fatima

Date of Submission : _____

Name of the Student : _____

Class & Division : XI B

Roll Number : ___

S.No.	Questions	Marks
1 .	State the function of Myoglobin.	1
2.	What are the causes of gouty arthritis in human?	1
3.	How many ribs are present in Human being?	1
4.	Differentiate between red fibres and white fibres.	1
5.	State the number of bones present in axial and appendicular skeleton of Human being?	1
6.	What is fatigue?	1
7.	What are the different types of movements in Human body	2
8.	Based on the location mention the different types of muscles present in human body.	2
9.	Name the locomotary structure of the following i)Hydra ii)Paramoecium	2
10.	What is osteoporosis? State the cause of osteoporosis.	2
11.	What is sarcoplasmic reticulum? What is its function?	2
12.	What are floating ribs? How many of them are there?	2
13.	Explain the three major forms of joints.	3
14.	Write in detail formation and breaking of cross bridge.	3
15.	Describe the structure of skeletal muscles.	3
16.	Describe the structure of contractile proteins-actin & myosin(mention all the proteins present in them).	3

17. List the different vertebrae of vertebral column. 3
18. Describe the skull bones of man. 3
19. Describe the sliding filament theory of muscle contraction. 5
20. Explain the disorders of muscular and skeletal system. 5