



INDIAN SCHOOL DARSAIT DEPARTMENT OF BIOLOGY



Subject : BIOLOGY Topic : Locomotion and Movement

Date of Worksheet:
12-08-2018

Resource Person: Mrs. S. Subhaja Nandakumar

Name of the Student : _____ Class & Division : XI Div. ___ Roll Number : ___

S.No	Answer the following	Marks
1)	What is the total number of bones present in left pectoral girdle and left arm respectively in human beings?	1
2)	Name the cavity in the girdle into which the head of femur fits?	1
3)	What lubricate the freely movable joints at the shoulder?	1
4)	Name of longest bone of human body.	1
5)	Why are 11th and 12th pair of ribs called floating ribs?	1
6)	Why do skeletal muscle show striation?	1
7)	Which muscle fibre work during long flight of eagle?	1
8)	Define a sarcomere.	1
9)	Give the name of first vertebra	1
10)	Write the name of chemical that causes fatigue in the muscles.	1
11)	Name the cup shaped bone that constitutes the knee cap.	1
12)	Name the germinal layer from which muscles arise?	1
13)	What is the difference between A and I band?	1
14)	Write any two difference between cardiac muscle and skeletal muscle.	1
15)	Distinguish between red fibre and white fibre.	1
16)	Name the bones of fore limb (hand) of human body. Give their number in each limb.	1
17)	State the role of calcium ions and ATP in muscle contraction.	1
18)	Name the two types of girdles found in human body and write their role.	2
19)	Based on the location classify the muscles and give example.	3
20)	What makes the synovial joints freely movable? List any four types of synovial joints.	3
21)	Explain the important steps of sliding filament theory of muscle contraction.	5

