



INDIAN SCHOOL DARSAIT DEPARTMENT OF BIOLOGY



Subject : Biology

Topic : Body Fluids and
Circulation

Date of worksheet:-18-10-2017

Resource Person: Zehra Fatima

Name of the Student : _____

Class & Division : XI B

Roll Number : ____

S.No.	Questions	Marks
1 .	Define cardiac cycle.	1
2.	What is a pace-maker?	1
3.	Why is the S.A. node called pace-maker of the heart?	1
4.	Write the full form of S.A. node.	1
5.	What is lymph node?	1
6.	A cardiologist observed an enlarged QR wave in the ECG of a patient. What does it indicate?	1
7.	Name the enzyme that catalyses the formation of carbonic acid in erythrocytes.	1
8.	What is systemic circulation?	1
9.	Give two examples of extra-cellular fluids.	1
10.	Which adrenal hormone accelerates the heart beat under normal conditions.	1
11.	Explain when and how the two sounds of heart are produced ?	2
12.	Define joint diastole. What are the constituents of the conducting system of human heart?	2
13.	Give the names of various types of formed elements present in the blood.	2
14.	Name the major proteins found in blood plasma and state their function.	2
15.	Distinguish between Arteries and Veins.	3
16.	Draw a diagram showing schematic plan of blood circulation in human.	3
17.	Explain ABO grouping of blood in human.	3

18. Describe the internal structure of human heart in detail with the help of a diagram. 5
19. What is cardiac cycle? Describe the event that occur during it. 5
20. Explain Rh grouping and its incompatibility in humans. 5