



INDIAN SCHOOL DARSAIT
DEPARTMENT OF BIOLOGY



Subject : BIOLOGY	Topic : BODY FLUIDS AND CIRCULATION	Date of Worksheet: 06-06-2018
Resource Person: Mrs. S. Subhaja Nandakumar		
Name of the Student: _____	Class & Division : XI Div. ___	Roll Number : ___

ANSWER THE FOLLOWING

- 1) Name the instrument used for measuring blood pressure. 1
- 2) Give the names of various types of formed elements present in the blood. 1
- 3) Define joint diastole. What are constituents of the conducting system of human heart? 1
- 4) Explain when and how the two sounds of heart are produced. 1
- 5) What happens to a person suffering from hemophilia? 1
- 6) Name the protein found in RBCs. 1
- 7) Name the blood vessel that carries blood from the intestine to liver. 1
- 8) Which adrenal hormone accelerates the heart beat under normal conditions? 1
- 9) What name is given to the blood vessels which generally bring blood to an organ? 1
- 10) Give two examples of extra-cellular fluids. 1
- 11) What is systemic circulation? 1
- 12) Name the enzyme that catalyses the formation of carbonic acid in erythrocytes. 1
- 13) A cardiologist observed an enlarged QRS wave in the ECG of a patient. What does it indicate? 3
- 14) What is cardiac cycle? Describe the event that occur during it. 3
- 15) Explain Rh grouping and its incompatibility in humans. 3
- 16) Why is SA node called pacemaker of the heart? Write the full form. 3
- 17) What is lymph? Describe its circulation in brief. 3
- 18) What is stroke volume? What is its relation with cardiac output? 5

