

INDIAN SCHOOL NIZWA  
BIOLOGY-WORKSHEET -4  
CH.18 CIRCULATION OF BODY FLUIDS

DATE: \_\_\_\_\_ NAME: \_\_\_\_\_ CLASS: XI

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GIVE REASONS.

1. The SA node is called the pacemaker of the heart.
2. There is no mixing of deoxygenated and oxygenated blood in the human heart normally.
3. Ventricles have thicker walls than auricles
4. The feet of a person swells if he stands or sit immobile for a long time
5. fluids are injected into the circulatory system through the veins and not arteries.

DIFFERENCE BETWEEN

1. Open circulatory system and closed circulatory system.
2. Atrial systole and ventricular systole.
3. Neurogenic heart and Myogenic heart
4. Mitral valve and semilunar value
5. Sístole & Diástole

DEFINE THE FOLLOWING

1. cardiac cycle
2. electrocardiogram
3. cardiac output
4. Describe the mechanism of heart beat.
5. What is double circulation? What is its advantage ?
6. Short note on Hypertension, Hypotension, Arteriosclerosis, Atherosclerosis.

ANSWER IN DETAIL.

1. Describe the flow of blood through the heart during different phases of the cardiac cycle
2. Draw a labelled diagram of the V.S of a mammalian heart
3. What is a pacemaker?
4. Define cardiac output. Describe the mechanism regulating the heart beat
5. Elaborate ECG
6. Give a brief account of Rh blood group incompatibility
7. Short note – erythroblastosis foetalis