**BLOG WORKSHEET**

**BIOLOGY CLASS 9**

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**TRANSPORT IN HUMAN BEING**

***Figure1: Shaded areasare muscle; unshaded areasarefilled withblood.***

Figure1



Q.1.Answer the following questions:

1. The two receiving chambers for blood are the
2. The two discharging chambers for blood are the
3. The separates heart chambers.
4. The **LEFT** side of the heart **RECEIVES** Blood **FROM** the \_\_\_\_\_\_\_\_\_\_\_\_\_
5. The **RIGHT** side of the heart **RECEIVES** blood **FROM** the

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The **LEFT** side of the heart **PUMPS** blood **To the**\_\_\_\_\_\_\_\_\_\_\_\_\_
2. The **RIGHT** side of the heart **PUMPS** blood **TO** the

\_\_\_\_\_\_\_\_\_

In the table below, fill in whether the heart chamber/blood vessel listed contains oxygenated/deoxygenated blood

|  |  |
| --- | --- |
| **HeartChamberorBloodVessel** | **Oxygenated(O)/ Deoxygenated(D)** |
| Left Ventricle |  |
| Right Ventricle |  |
| Left Atrium |  |
| Right Atrium |  |
| Pulmonary Artery |  |
| Pulmonary Vein |  |
| Superior vena cava |  |
| Inferior vena cava |  |
| Aorta |  |

Use the table above along with *Figure1* to answer the following:

1. The blood in the **LEFT** side of the heart is **oxygenated/deoxygenated.** Why is this logical?

2. The blood in the **RIGHT** side of the heart is **oxygenated/deoxygenated.** Why is this logical

3. Blood is changed from an oxygenated state to a deoxygenated state **OR** from a deoxygenated state to an oxygenated state in our circulatory system. Which change occurs in the……

• Lung capillaries

Explain why:

• Body capillaries

Explain why:

4. Where does blood go **AFTER** it leaves the……

Right atrium

Aorta

Left atrium

Superiorvenacava

Right ventricle

Inferiorvenacava

Left ventricle

Lungs

Pulmonaryveins

Organs&legs

Pulmonaryarteries

Head

5. Where did the blood come from **BEFORE** it entered the……

Right atrium

Aorta

Left atrium

Superiorvenacava

Right ventricle

Inferiorvenacava

Left ventricle

Lungs

Pulmonaryveins

Organs&legs

Pulmonaryarteries

Head

6. What could happen if a heart valve did not work properly?