Cardiovascular System Note Sheet

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Functions of CV System:

 - Provides

 - Carries away

 - Helps fight

2. CV System consists of 3 main parts:

-

3. The Heart – consists of \_\_\_\_\_\_\_\_\_\_ chambers

4. Blood

- Delivers O2, and nutrients to cells and carries away wastes

- Composed of:

 Plasma –

 Red blood cells –

 White Blood cells –

 Platelets –

- Atria –

- Ventricles –

- Valves allow blood to flow through each chamber

5. Blood Vessels – 3 types

 - Artery:

Carries

 - Veins:

Returns

 - Capillaries:

Very small vessels that

PATHWAY OF BLOODFLOW THROUGH THE HEART

1. Blood enters heart through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_.

2. The blood enters the \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

3. Blood spills into \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

4. Blood enters the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

5. From here, blood goes to your \_\_\_\_\_\_\_\_\_\_\_\_\_ to pick up \_\_\_\_\_\_\_\_\_\_\_\_\_.

6. Oxygen rich blood returns to your heart through \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_.

7. Blood enters \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. Blood enters the \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

9. Blood is pumped through the \_\_\_\_\_\_\_\_\_ and delivered to rest of \_\_\_\_\_\_\_\_\_\_\_\_\_.

Diagram of the Heart

