Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ The Circulatory System Note Check \_\_\_\_/15

Small, Plasma, medium, large, to, away, Platelets, both to and away from, blood vessel,

1. The name given to any tube that carries blood is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Arteries are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ blood vessels that carry blood \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from the heart.
3. Capillaries are \_\_\_\_\_\_\_\_\_\_\_\_ blood vessels that carry blood \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_the heart.
4. The liquid part of the blood that is mostly made up of water is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. The part of the blood that helps stop bleeding is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. Where are capillaries located and what do they do \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Describe the simplified path of oxygenated blood \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Describe the simplified path of deoxygenated blood \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Explain the purpose of the circulatory system \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Some of the substances carried by the blood are listed in the chart below. Indicate where each substance comes from and check whether each substance is carried to or away from the cells.

|  |  |  |  |
| --- | --- | --- | --- |
| **The Circulatory system receives**  | **From the \_\_\_\_\_\_\_****System.** | **And carries them to the cells** | **And carries them away from the cells** |
| Digested food |  |  |  |
| Oxygen |  |  |  |
| Carbon Dioxide |  |  |  |
| Harmful Chemicals |  |  |  |
| Extra waste (water) |  |  |  |
| Vitamins and minerals |  |  |  |
|  |  |  |  |

