Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Biology Test – Module #13

Matching: Match each term with the correct definition.

|  |  |
| --- | --- |
| 1. \_\_\_\_ vertebrae | 1. A system designed to transport food and other necessary substances throughout a creature’s body |
| 1. \_\_\_\_ notochord | 1. The lobes of the brain that receive signals from the receptors in the nose |
| 1. \_\_\_\_ endoskeleton | 1. Tiny, thin-walled blood vessels that allow the exchange of gases and nutrients between the blood and the cells of the body |
| 1. \_\_\_\_ bone marrow | 1. A skeleton on the inside of a creature’s body, typically composed of bone or cartilage |
| 1. \_\_\_\_ axial skeleton | 1. The portion of the skeleton that supports and protects the head, neck, and trunk |
| 1. \_\_\_\_ appendicular skeleton | 1. Segments of bone or some other hard substance that are arranged into a backbone |
| 1. \_\_\_\_ closed circulatory system | 1. The lobes of the brain that receive signals from the receptors in the eyes |
| 1. \_\_\_\_ arteries | 1. The portion of the skeleton that attaches to the axial skeleton and has the limbs attached to it |
| 1. \_\_\_\_ capillaries | 1. A rod of tough, flexible material that runs the length of a creature’s body, providing the majority of its support |
| 1. \_\_\_\_ veins | 1. Blood vessels that carry blood away from the heart |
| 1. \_\_\_\_ olfactory lobes | 1. A soft tissue inside the bone that produces blood cells |
| 1. \_\_\_\_ optic lobes | 1. Blood vessels that carry blood back to the heart |

True or false: Determine whether each statement is true or false.

1. \_\_\_\_ Phylum Chordata has a spinal cord or a notochord.
2. \_\_\_\_ In humans, the muscular tail disappears.
3. \_\_\_\_ 45% of chordates are vertebrates.
4. \_\_\_\_ Arteries carry oxygen poor blood back to our heart.
5. \_\_\_\_ Hemoglobin carries the oxygen atoms in our blood.
6. \_\_\_\_ The brain is part of the central nervous system.
7. \_\_\_\_ Fish use a swim bladder to rise and fall in the water.
8. \_\_\_\_ Most sharks actually have very few teeth.

List: Complete the following lists.

1. List the two major skeletal system parts.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. List the four basic bone shapes in our body
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Multiple choice: choose which option best answers each question.

1. \_\_\_\_ Which of the following is NOT produced in bone marrow?
   1. Red blood cells
   2. Platelets
   3. Hemoglobin
   4. White blood cells
2. \_\_\_\_ Which of the following is NOT a form of reproduction in fish?
   1. Oviparous
   2. Ovoviviparous
   3. External fertilization
   4. Viviparous
3. \_\_\_\_ Which of the following is NOT a charactization of fish?
   1. Gills
   2. Tails
   3. Fins
   4. Scales
4. \_\_\_\_ Which of the following is NOT a part of our system of blood vessels?
   1. Bronchials
   2. Veins
   3. Arteries
   4. Capillaries