

7.4-The Skeletal System

Page 97

1. How many bones does a baby have when born? How many do adults have? What causes the change in numbers?
2. The skeletal system is made of _____ tissue.
3. The cells in bones behave the same as other cells in the body. They absorb _____ and expend _____.
4. There are five major functions of the skeletal system:
 - a. Support-Bones are the _____ that gives shape and support to your body.
 - b. _____ for your internal organs.
 - c. Bones help us move because they are attached to _____.
 - d. Create _____ (red and white) in the marrow of some bones. (Marrow is the soft tissue in the center of many bones).
 - e. Storage of _____ and _____ that can be used later.
5. Bone is fed by the _____, which also removes waste.
6. The _____ systems are the circular structures deep inside the compact that can be seen when you slice the bone.

Page 98

7. What is the longest bone in your body? The smallest?
8. There are over _____ movable and semi-moveable joints in the body.
 - a. _____ joint allows little or no movement.
 - b. _____ joint provides for flexible connection between bones.

- i. The _____ is an example of a hinge joint.
 - ii. Some joints pivot, such as the _____.
 - iii. The shoulder joint is a ball-in-socket joint that can move nearly _____.
9. _____ is a smooth layer of cushiony tissue that usually is found at the ends of the bones.
10. Cartilage does not contain _____ or minerals and wears out as we age which can lead to _____.
11. Our flexible skeletal system allows us to _____ and _____, bend and rotate, and work against the forces of gravity.