

Name _____ Period _____ Date _____

Human Biology Study Guide

Section 1: Bones!

1. Your skeleton has five major functions. Name them.

- a.
- b.
- c.
- d.
- e.

2. About _____% of an adult's body weight is bone.

3. Bone marrow produces _____ and is located inside _____.

4. This is what the tip of your nose is made of. _____

5. Where two bones meet is called a _____.

6. The bones of your skull have fused together to make this kind of joint. _____.

7. List an example for the following joints:

Ball and Socket

Pivot

Hinge

Gliding

8. Osteoporosis is:

Section 2: Bone and Joint Injuries (We skipped this! Page 46.)

1. A fracture is: _____.

2. A sprain is: _____.

3. A dislocation is: _____.

4. How is an X-Ray image produced?

5. How is an MRI different than an X-Ray image?

Section 3: Muscular System

1. Muscles you have control over are called _____.

2. Muscles you do NOT have control over are called _____.

3. The three kinds of muscles are _____, _____, and _____.

4. Compare and contrast the three kinds of muscles.

5. True or False: Muscles can only contract, not extend, and therefore must work in pairs.

6. Name 2 ways to prevent muscle injuries.

Section 4: The Skin!

1. The skin performs 5 functions:

- a.
- b.
- c.
- d.
- e.

2. You have 2 main layers of your skin: _____ and _____.

3. Four structures that are inside your dermis are:

- a.
- b.
- c.
- d.

4. Four things you can do to keep your skin healthy are:

- a.
- b.
- c.
- d.

5. Explain why your skin produces sweat when you are hot.

Notes:

Be sure to be able to identify as many bones as you can on Wednesday!

This study guide will cover most of the information on your test.

Study all of your notes and handouts along with this study guide and you will be well prepared for the test.