

# Anatomy

## Tissue Identification Quiz

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

Block: \_\_\_\_\_

Match the tissue type on the left with its method of classification on the right

- |                           |                          |
|---------------------------|--------------------------|
| _____ 1. Transitional     |                          |
| _____ 2. Stratified       | A) Number of cell layers |
| _____ 3. Cuboidal         | B) Cell shape            |
| _____ 4. Simple           |                          |
| _____ 5. Columnar         |                          |
| _____ 6. Pseudostratified |                          |
| _____ 7. Squamous         |                          |

Match the description of each tissue on the left with the name of the tissue on the right.

- |   |                                 |
|---|---------------------------------|
| _____ 1. Multiple layers of flat tile like cells  |                                 |
| _____ 2. Single layer of rectangular shaped cells with oval nucleus   | A) Transitional                 |
| _____ 3. Very rare tissue, two or more layers of rectangular shaped cells   | B) Simple squamous              |
| _____ 4. Single layer of flat tile like cells   | C) Stratified columnar          |
| _____ 5. Cell shape varies in shape and appearance depending on if the tissue is relaxed or stretched   | D) Simple cuboidal              |
| _____ 6. Rectangular shaped cells with hair like extensions   | E) Stratified cuboidal          |
| _____ 7. Single layer of cube shaped cells with round nucleus   | F) Simple columnar              |
| _____ 8. All cells attach to the basement membrane but not all reach the apical surface so nuclei are at different levels, usually have cilia | G) Stratified squamous          |
| _____ 9. Rare tissue, two or more layers of cube shaped cells   | H) Ciliated simple columnar     |
| _____ 10. Rectangular shaped cells without cilia but may contain micro-villi  | I) Non-ciliated simple columnar |
|   | J) Pseudostratified             |

Match the specific connective tissue on the left with its general type on the right, answers may be used more than once.

- |                                    |                            |
|------------------------------------|----------------------------|
| 1. _____ Osseous tissue            |                            |
| 2. _____ Areolar tissue            | A) Blood                   |
| 3. _____ Hyaline                   | B) Loose connective tissue |
| 4. _____ Vascular tissue           | C) Bone                    |
| 5. _____ Adipose tissue            | D) Dense connective tissue |
| 6. _____ Fibro                     | E) Cartilage               |
| 7. _____ Reticular tissue          |                            |
| 8. _____ Elastic connective tissue |                            |
| 9. _____ Regular                   |                            |
| 10. _____ Dense                    |                            |
| 11. _____ Irregular                |                            |

Match the muscle type on the left with its description/names on the left. Answers may be used more than once.

- \_\_\_\_\_ 1. Striated
- \_\_\_\_\_ 2. Involuntary
- \_\_\_\_\_ 3. Heart muscle
- \_\_\_\_\_ 4. Voluntary
- \_\_\_\_\_ 5. non-striated
- \_\_\_\_\_ 6. Contains intercalated discs

- A) Smooth muscle
- B) Cardiac Muscle
- C) Skeletal muscle

Tissue Identification:

- |           |           |
|-----------|-----------|
| 1. _____  | 2. _____  |
| 3. _____  | 4. _____  |
| 5. _____  | 6. _____  |
| 7. _____  | 8. _____  |
| 9. _____  | 10. _____ |
| 11. _____ | 12. _____ |
| 13. _____ | 14. _____ |
| 15. _____ | 16. _____ |
| 17. _____ | 18. _____ |
| 19. _____ | 20. _____ |
| 21. _____ | 22. _____ |
| 23. _____ | 24. _____ |