

Zackary Rhodes

Name:

Date:

Instructions: You may use your class notes or PPT slides to complete the worksheet. Type in the answers using MS Words. Print in your name. Save the document in PDF format. Submit the document in the drop box below

Part I: Anatomy & Physiology

Match the terms with the correct statement.

Anatomy, Physiology, Cardiology, Cytology, Systemic Anatomy, Surface Anatomy, Anatomical imaging, Regional Anatomy.

Cardiology 1. study of the heart

Anatomy 2. discipline that investigates the structure of the body

Ctology 3. study of cells

Surface Anatomy 4. studies external features, Ex. Bone projections

Regional Anatomy 5. studies body regions

Physiology 6. discipline that deals with the functions of living things

systemic Anatomy 7. studies body systems

Annatomical imaging 8. uses x-rays, ultrasound, MRI's to create pictures of internal structures.

Part 2: Body planes, Body Regions, & Directional terms

Choose the correct term.

9. The plane of the body dividing it into right and left section is _____

A. Anterior B. Posterior C. Coronal D. **Sagittal**

10. The naval is _____ to the spinal cord.

A. **Anterior** B. Posterior C. Lateral D. Distal

11. The ears are _____ to the nose.

A. Anterior B. Posterior C. **Lateral** D. Distal

12. Which of the following is located in the midsagittal plane of the body?

A. foot B. toe C. leg D. **backbone**

13. When a surgeon amputes a leg, he or she makes a _____ cut through the bone.

A. **Transverse** B. Longitudinal C. Coronal D. Sagittal

14. A term that means "toward the midline" is _____.

A. Lateral B. Distal C. **Medial** D. Proximal

15. The wrist is _____ to the hand.

A. Lateral B. Distal C. Medial D. **Proximal**

16. Coronal (frontal) planes divide the body into _____ portions.
A. right and left B. anterior and posterior C. superior and inferior D. dorsal and ventral
E. both B and D

17. Which of these planes can divide the body into equal left and right halves?

A. frontal B. median C. transverse D. midsagittal

18. The serous membrane on the surface of the lungs is called _____

A. parietal pericardium B. visceral pleura C. parietal pleura D. visceral pericardium

19. You are standing on your head. Your head is _____ to your neck.

A. superior B. inferior C. superficial D. medial

20. The serous membrane lined cavity surrounding the heart is called the _____

A. pericardial cavity B. peritoneal cavity C. Pleural cavity

Part 3: Body Regions & Body cavities

Read the statements. State True or False

21. Upper limbs consists of upper arm, forearm, wrist, hand. **T**

22. The forearm extends from the shoulder to the wrist. **F**

23. The trunk is divided into the thoracic region and the abdominal region by the diaphragm. **T**

24. Liver, spleen, pancreas, and kidneys are in the thoracic cavity. **F**

25. Urinary bladder, reproductive organs, part of large intestine are in the abdominal cavity. **F**