

Anatomy and Physiology

FINAL Review Sheet

1. Function of all 11 systems—include organs
2. Steps to the scientific method
3. Describe characteristics of positive feedback, Describe characteristics of negative feedback
4. Levels of Biological organization
5. Anatomy
6. Physiology
7. Homeostasis and list 4 examples in our body
8. Sagittal Plane
9. Transverse Plane
10. Frontal Plane
11. Elements in organic compounds
12. Carbohydrates: elements and functions
13. Monosaccharides, Disaccharides and Polysaccharides: chemical formulas, how they are made, and all examples
14. Characteristics of Cellulose
15. Lipids: elements, function, structural units—4 parts
16. Proteins: elements, amino acids and their 3 parts
17. Nucleic acids: functions, nucleotides and their parts
18. Organs of the Digestive system
19. Accessory organs of the digestive system
20. Cells that line the digestive system
21. Metabolism
22. Location and function of teeth
23. Function of amylase, pepsin, trypsin
24. Peristalsis
25. Segmentation
26. Mastication
27. Food sources of Vitamin C, Calcium, Protein
28. Describe the divisions of the nervous system
29. Location and functions of the 4 lobes of the brain
30. Describe the 3 types of neurons
31. Bones on the axial skeleton
32. Bones on the appendicular skeleton
33. Describe the 5 classification of bones—include examples
34. Osteoblast
35. Osteoclasts
36. Osteocytes
37. Be able to label bones on human skeleton