Exam Review I: Med Terms, Sensory, Skeletal Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Define the following prefixes, suffixes, and root words

a/an-  
-algia  
adipo-/lipo-  
Angio  
Arter  
Arthro  
auto-  
brady-   
Cardio  
Chole  
Cost  
Derm  
dys-   
-ectomy  
-emisis  
-emia  
endo-  
Enter  
epi-   
Erythro  
Gastr  
Gloss/Glott  
Gluco/Glycol  
-gram/-graphy  
Hemo  
Hepat  
hyper-   
hypo-   
-itis  
leuk-  
-malacia  
-megaly  
Myo  
Ocul  
Odont  
-oma  
-orrhea  
-osis  
Osteo  
Oto  
-otomy  
-penia  
peri-  
Pneumo   
post-   
pre-  
Rhin  
-spasm   
Splen  
sub-   
tachy-  
Thorac/Thoraco

2) Identify the following directional terms and which midline they are moving against if applicable (Sagittal, Frontal, Transverse)  
ex: Medial = toward the midline (sagittal)

Lateral  
Abduction  
Adduction  
Circumduction  
Pronation  
Supination  
Cephal/Cranial  
Caudal  
Flexion  
Extension  
Superior  
Inferior

1. Identify the bones in the following areas
   1. Head (4)
   2. Face (4)
   3. Shoulder (3)
   4. Arm (3)
   5. Spine (30)
   6. Pelvic Girdle (4)
   7. Leg (4)
2. Define the following terms
   1. Ossification
3. What are the 4 types of bones? Give an example of each.
4. Identify the following parts of a long bone
   1. Diaphysis
   2. Epiphysis
   3. Endosteum
   4. Periosteum
5. What bones make up the axial skeleton? Appendicular skeleton?
6. What is unique about the hyoid bone?
7. What is a diarthritic joint? What are the different types?
8. What is an amphiarthritic joint? Give an example.
9. What is a synarthritic joint? Give an example.
10. What is a bursa? Synovial membrane?
11. List and describe the functions of the skeletal system?
12. Identify the cause, signs/symptoms, and treatment of the following conditions
    1. Arthritis
       1. Osteoarthritis
       2. Rheumatoid Arthritis
    2. Gout
    3. Osteoporosis
    4. Rickets
    5. Kyphosis
    6. Lordosis
    7. Scoliosis
13. Describe the difference between the a dislocation and subluxation
14. Describe the following types of fractures
    1. Greenstick
    2. Simple/Closed
    3. Compound/Open
    4. Comminuted
15. What are 2 different ways fractures can be treated?
16. What are the external structures of the eye?
17. What are the differences between rods and cones?
18. List the parts of the ear (outer, middle and inner)
19. What is cerumen?
20. What are the structures of the nose?
21. What is the medical term for taste buds?
22. What are the different types of things we can taste?
23. What type of tissue is the tongue made of?
24. List the pathway of hearing
25. List the causes, signs/symptoms, and treatments of the following conditions
    1. External Otitis (a.k.a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
    2. Otitis Media
    3. Otosclerosis
    4. Meniere’s Disease
    5. Tinnitus
    6. Presbycusis
       1. Conductive Hearing Loss
       2. Sensorineural Hearing Loss
26. List the causes, signs/symptoms, and treatments of the following conditions
    1. Cataracts
    2. Colorblindness
    3. Conjunctivitis
    4. Detached Retina
    5. Diabetic Retinopathy
    6. Glaucoma
    7. Macular Degeneration
    8. Hyperopia
    9. Myopia
    10. Presbyopia
    11. Astigmatism
27. What is a Snellen chart? What does 20/20 vision mean? 20/10? 20/200?
28. What does PERRLA stand for?
29. What is the difference between an optician and an ophthalmologist?
30. Identify the cause, signs/symptoms, and treatments for the following conditions
    1. Rhinitis
    2. Nasal Polyps
    3. Deviated Nasal Septum
31. Identify the cause, signs/symptoms and treatments for the following conditions
    1. Glossitis
    2. Strawberry Tongue
    3. Thrush