Essentials of Healthcare Final Exam Review

We have already completed the following information. Please answer each as completely as possible to best study for your final. This will get you started!!! Almost done!!!! Keep Working!

1. List the major structures of a cell. Describe the function of each organelle.
2. Describe diffusion and osmosis across a cell membrane.
3. List the types of tissue and give examples of where you would find each.
4. List the levels of organization in a human.
5. Label a body with the directional terms common in anatomy
6. Create a chart to show all of the body systems and briefly describe the function of each.
7. What are the terms for and What is indicated by the colors of the skin?
8. List the 3 layers of the skin and describe what is found in each.
9. What are the appendages of the skin? What is the function of each.
10. How/what can diseases be diagnosed by looking at the skin?
11. Review diseases of the integumentary system. Acne vulgaris, athlete’s foot, ringworm, urticaria.
12. Describe the excretory functions of the skin.
13. What is the rule of 9’s?
14. Describe the classification system for burns.
15. What are structures and their functions in the circulatory system.
16. Label the external anatomy of the heart.
17. Label the internal anatomy of the heart
18. List the path of blood flow through the heart.
19. What is the function of the valves in the heart?
20. What is the function of the septum of the heart?
21. List the electrical pathway through the heart.
22. What is the function of the coronary arteries?
23. Describe what blood pressure is and how it is measured.
24. Describe the difference between arteriosclerosis and atherosclerosis.
25. Review the following diseases of the circulatory system: anemia, MI,
26. What is the difference between arteries and veins?
27. List the structures of the digestive system and the function of each.
28. Review the following respiratory diseases: laryngitis, pleurisy, influenza, URI, sinusitis, epistaxis, emphysema, asthma
29. List and describe structures and functions of the respiratory system.
30. Define the terms inspiration and expiration.
31. Define the terms internal respiration and external respiration. Where does each occur?
32. In cellular respiration… describe what is happening to oxygen and carbon dioxide.
33. What are the types of respiration?
34. Describe the different characteristics of muscles.
35. Identify the 3 different types of muscles. (description, location)
36. Describe what happens to muscles that are work a lot?
37. Describe how muscles are named.
38. What happens to muscles that are not allowed to work?
39. Review the major structures in the skeletal system.
40. Identify the major bones of the skeletal system.
41. Identify the types of joints in the skeletal system.
42. What are the functions of the skeletal system?
43. What are the major types of arthritis?
44. What is osteoporosis?
45. Identify and describe the three abnormal curvatures of the spine.
46. Describe the Types of motion.
47. Describe the types of bone fractures.
48. Label the internal structures of the kidney.
49. Identify several alternative medical terms for urination.
50. Describe how a nephron works.
51. What happens to most of the product that is filtered in the kidneys?
52. Describe the reasons why often a urologist will also specialize in reproductive structures and issues.
53. Describe factors that lead up to the need for a kidney transplant and the prognosis/issues that follow a transplant.
54. Trace the path of urine being formed from when if enters the glomerulus through to the toilet.
55. Identify/label the structures and functions of the male reproductive system.
56. Identify/label the structures and functions of the female reproductive system.
57. Summarize what happens during the menstrual cycle.
58. Make a chart of STDS. Include disease, description, S&S, DX, TX, PX
59. What is PID?
60. What are the major glands?
61. What is the function of the endocrine system?
62. What are hormones?
63. Which is the master gland?
64. Describe the fight or flight response from the point of view of the gland involved.
65. Describe the structures of the digestive system. What is the function of each?
66. What are the 4 major food products? What breaks each down?
67. What are the structures and the functions of the lymph system?
68. Identify how each body system interacts with each of the other body systems.