Physiology H

Semester 1 Peer Group Signup Sheet

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| Peer Group | Chapter and Topics to be covered | Date | Group names |
| 1 Homeostasis | Chapter 1: Relationship between structure and function, structural and organizational levels, characteristics of life, homeostasis: negative and positive feedback mechanisms and examples from real life; body cavities | 9/18 |  |
| 2  Tissues | Chapter 4: Characteristics and types of epithelial tissue, their functions and location; glands; types of connective tissue and examples; types of muscle and their functions; functions of nervous tissue and neurons | 10/15 |  |
| 3  Hearts  EKG | Chapter 20: External and internal anatomy of the  Heart; Blood supply to the heart; heart chambers;  heart valves; major blood vessels; Path of blood through the heart; heart muscle | 11/7 |  |
| Chapter 21: Electrical activity of the heart; conduction system of the heart; electrocardiogram; cardiac cycle; heart sounds; regulation of the heart; heart health and diseases |  |  |
| 4  Bones  Joints | Chapter 6 and 7: Functions of the skeletal system; features of a bone; bone fractures; axial skeleton and its bones; appendicular skeleton and its bones | 12/9 |  |
| Chapter 8:Articulations/ joints and locations; types of movements; bone disorders and aging |  |  |
| 5  Muscles | Chapter 9 and 10: Functions of the muscular system; characteristics of skeletal muscle; role of membrane potentials; muscle contraction; smooth muscle and cardiac muscle; major muscles of the body; muscle disorders | 12/20 |  |
| 6  Neurons  Brain | Chapter 11, 12: Functions of the nervous system; divisions of the nervous system; neurons and neuroglia; role of membrane potentials and action potentials; the synapse; reflexes | 1/7 |  |
| 13, 14: Spinal nerves; cranial nerves; Brain anatomy; speech and memory; cerebrospinal fluid; Limbic system; brain disorders |  |  |
| 7  Skin | Chapter 5: Structure and functions of skin; accessory skin structures; effects of aging on skin; skin cancer; burns; skin disorders | 1/9 |  |