

Vocabulary List – Anatomy & Physiology – Apologia 1st Edition

Listed by module, page number, then 1st week followed by 2nd week.

Module 1:

1st Week – 8 Words

1. **Gross Anatomy** - (1)
2. **Microscopic anatomy** - (1)
3. **Histology** - (2)
4. **Physiology** - (2)
5. **Organ** - (4)
6. **Tissues** - (4)
7. **Homeostasis** - (5)
8. **Effector** - (7)

2nd Week – 3 Words

1. **Selective Permeability** - (21)
2. **Endocytosis** - (25)
3. **Exocytosis** - (26)

Module 2:

1st Week – 5 Words

1. **Endocrine Glands** - (42)
2. **Exocrine Glands** - (42)
3. **Apocrine Glands** - (43)
4. **Holocrine Glands** - (43)
5. **Merocrine Glands** - (43)

2nd Week – 8 Words

1. **Extracellular Matrix** - (46)
2. **Fibroblasts** - (47)
3. **Chondrocytes** - (50)
4. **Labile Cells** - (55)
5. **Parenchymal Cells** - (55)
6. **Permanent Cells** - (55)
7. **Stable Cells** - (55)
8. **Stromal Cells** - (55)

Module 3:

1st Week – 3 Words

1. **Dermis** - (62)
2. **Epidermis** - (62)
3. **Hypodermis** - (62)

2nd Week – 12 Words

1. **Hemopoiesis** - (76)
2. **Cancellous Bone** - (77)
3. **Compact Bone** - (77)
4. **Articular Cartilage** - (78)
5. **Ossification** - (78)
6. **Appendicular Skeleton** - (80)
7. **Axial Skeleton** - (80)
8. **Process** - (85)
9. **Foramen** - (86)
10. **Meatus** - (86)
11. **Sinus** - (86)
12. **Suture** - (85)

Module 4:

***Whole Module to be done in 1 Week

1. **Osteoblast** - (97)
2. **Osteoclast** - (97)
3. **Osteocyte** - (97)
4. **Callus** - (105)
5. **Hematoma** - (105)
6. **Anatomical Position** - (115)

Module 5:

1st Week – 4 Words

1. **Sarcomere** - (129)
2. **Neuron** - (136)
3. **Synapse** - (137)
4. **Neurotransmitter** - (138)

2nd Week – 7 Words

1. **Motor Unit** - (141)
2. **All-or-none law of skeletal muscle contraction** - (143)
3. **Maximal Stimulus** - (144)
4. **Submaximal Stimuli** - (144)
5. **Subthreshold Stimulus** - (144)
6. **Threshold Stimulus** - (144)
7. **Muscle Tone** - (145)

Module 6:

1st Week – 4 Words

1. **Belly** - (156)
2. **Insertion** - (156)
3. **Origin** - (156)
4. **Mastication** - (162)

2nd Week – 2 Words

1. **Extrinsic Hand Muscles** - (169)
2. **Intrinsic Hand Muscles** - (169)

Module 7: (Only 1st Week)- 13 Words

1. **Ganglia** - (181)
2. **Nerves** - (181)
3. **Spinal Nerves** - (181)
4. **Afferent Neurons** - (182)
5. **Autonomic Nervous System** - (182)
6. **Cranial Nerves** - (182)
7. **Efferent Neurons** - (182)
8. **Parasympathetic Division** - (182)
9. **Somatic Motor Nervous System** - (182)
10. **Sympathetic Division** - (182)
11. **Association Neuron** - (185)
12. **Excitability** - (191)
13. **Potential Difference** - (192)

Module 8: (Only 1st Week) – 5 Words

1. **Gray Matter** - (219)
2. **White Matter** - (219)
3. **Decussation** - (220)
4. **Vital Functions** - (220)
5. **Commissures** - (228)

Module 9: (Only 1st Week) – 11 Words

1. **Sensory Receptor** - (257)
2. **Somatic Receptors** - (257)
3. **Visceral Receptors** - (257)
4. **Chemoreceptors** - (258)
5. **Mechanoreceptors** - (258)
6. **Nociceptors** - (258)
7. **Photoreceptors** - (258)
8. **Special Receptors** - (258)
9. **Thermoreceptors** - (258)
10. **Cutaneous Receptors** - (262)
11. **Proprioceptors** - (262)

Module 10: (Only 2nd Week) – 2 Words

1. **Neurosecretory Cells** - (304)
2. **Prostaglandins** - (310)

Module 11:

1st Week – 12 Words

1. **Viscosity** - (317)
2. **Formed Elements of Blood** - (318)
3. **Plasma** - (318)
4. **Erythrocytes** - (319)
5. **Leukocytes** - (319)
6. **Platelets** - (320)
7. **Diapedesis** - (322)
8. **Chemotaxis** - (323)
9. **Hemopoiesis** - (324)
10. **Hemostasis** - (326)
11. **Coagulation Factors** - (329)
12. **Antigen** - (332)

2nd Week – 10 Words

1. **Arteries** - (337)
2. **Capillaries** - (337)
3. **Veins** - (337)
4. **Pulmonary Circulation** - (338)
5. **Systemic Circulation** - (338)
6. **Cardiac cycle** - (345)
7. **Diastolic Phase** - (345)
8. **Systolic (systole) Phase** - (345)
9. **Arterioles** - (347)
10. **Venules** - (347)

Module 12:

1st Week – 7 Words

1. **Lymph** - (356)
2. **Lymph Nodes** - (356)
3. **Lymph Tissue** - (356)
4. **Edema** - (358)
5. **Immunological Defense** - (359)
6. **Diffuse Lymphatic Tissue** - (360)
7. **Lymph Nodules** - (360)

2nd Week – 7 Words

1. **Acquired Immunity** - (366)
2. **Innate Immunity** - (366)
3. **Complement** - (368)
4. **Interferon** - (368)
5. **Pyrogens** - (370)
6. **Cell-mediated Immunity** - (371)
7. **Humoral Immunity** - (371)

Module 13:

1st Week – 6 Words

1. **Digestion** - (381)
2. **Mastication** - (381)
3. **Deglutition** - (387)
4. **Peristalsis** - (388)
5. **Gastric Juice** - (391)
6. **Adventitia** - (393)

2nd Week – 3 Words

1. **Lumen** - (396)
2. **Macronutrients** - (406)
3. **Micronutrients** - (406)

Module 14: (Only 1st Week) – 13 Words

1. **Lower Respiratory Tract** - (416)
2. **Upper Respiratory Tract** - (416)
3. **External Respiration** - (417)
4. **Ventilation** - (417)
5. **Internal Respiration** - (418)
6. **Pneumothorax** - (425)
7. **Surfactant** - (425)
8. **Compliance** - (426)
9. **Aspirate** - (429)
10. **Functional Residual Capacity** - (430)
11. **Tidal Volume** - (430)
12. **Total Lung Capacity** - (430)
13. **Residual Volume** - (431)

Module 15:

1st Week – 6 Words

1. **Retroperitoneal** - (454)
2. **Erythropoiesis** - (456)
3. **Filtrate** - (458)
4. **Renal Blood Flow Rate** - (459)
5. **Glomerular Filtration Rate** - (460)
6. **Tubular Maximum** - (463)

2nd Week – 1 Word

1. **Buffer System** - (471)

Module 16:

1st Week – 10 Words

1. **Spermatogenesis** - (484)
2. **Coitus** - (486)
3. **Erection** - (486)
4. **Ejaculation** - (487)
5. **Emission** - (487)
6. **Semen** - (487)
7. **Puberty** - (493)
8. **Secondary Sex Characteristics** - (493)
9. **Anabolism** - (494)
10. **Catabolism** - (494)

2nd Week – 8 Words

1. **Oogenesis** - (497)
2. **Ovulation** - (499)
3. **Lactation** - (500)
4. **Menopause** - (500)
5. **Menses** - (502)
6. **Implantation** - (506)
7. **Organogenesis** - (506)
8. **Parturition** - (508)