Student Learning Outcomes/Review Sheet for Exam/Unit #4

Upon completion of this unit, the student should be able to:

Chapter 11 – Cardiovascular System

- Discuss the differences between arteries, capillaries, and veins

- Identify the parts of the heart
  Ex:
  o “4 chambers” and “valves”
    1. Pulmonary
    2. Bicuspid
    3. Tricuspid
    4. Aortic

- Describe the blood flow through heart

- Label the diagram of the heart

- Discuss the conduction system of the heart – i.e. pacemaker

- Define diastole vs. systole

- Recall combining forms, pgs. 409 – 412

- Recall the pathological conditions discussed in the packet and from class; for example:
  o arrhythmias – pgs. 412 – 414
    use: defibrillator – cardioversion

  o CHF

  o CAD

  o cardiac arrest – sudden, unexpected stoppage of the heart

Discuss clinical procedures discussed in the course packet and from class: For example (this is not a complete list):

  o ECHO
  o Doppler Ultrasound
  o Stress test
  o CABG
  o Angioplasty
DEFINE the following terms:

- Varicose veins –
- Hemorrhoids –
- Hypertension –
- Know the 3 lipoproteins and their normal values
- Know the abbreviations

Chapter 12 – Respiratory System

- Describe the difference between internal and external respiration
- Discuss the purpose for the lungs – i.e., oxygen and carbon dioxide
- Identify the anatomical structures associated with respiratory system and their function
  i.e.
  larynx →
  tonsils →
  pharynx →
  bronchi →
- Label diagram on pg. 459
- Recall combining forms and suffixes on pgs. 464 – 469.
  o -pnea
  o orth-
  o tel/o
  o phren/o
  o etc.

Define Pathological Conditions and Diagnostic Terms discussed in the packet and from class; for example:

- Auscultation v. percussion
- Wheezing, rales, epistaxis, COPD, pulmonary edema
- Pleuritis, thoracotomy, pulmonary embolism, atelectasis, pneumonia
- Know croup, diphtheria, and pertussis disorders
- Procedures: i.e., endotracheal intubation, bronchoscopy, and PFT’s.
Recall abbreviations discussed in this packet and from class.

Chapter 13 – Blood System

- Discuss the purpose for Blood system
- Discuss RBC, WBC, and platelet’s, include purpose or function and the different types of each
- Describe the differences and functions of 4 plasma proteins
- Discuss blood groups
- Recall Combining forms on pgs. 514-516
- Recall pathological conditions with blood discussed in this packet and from class.
- Identify the different types of anemias – pgs. 517-519
- Identify the different laboratory tests, clinical procedures, and abbreviations discussed in this packet and from class.
- Discuss which blood types can or cannot be given together

Chapter 14 – Lymphatic and Immune System

- Define the purpose for lymphatic & immune system
- Explain the difference between acquired, passive, and natural immunity and their examples

Define the following terms:

- Lymphoma’s:
- HIV:
- AIDS:
  - T and B cells – Identify examples and their functions
- Identify location of lymph nodes and their function as a whole
- Define the functions of spleen and thymus gland
- Recall combining forms on pgs. 556-557
• Recall laboratory tests discussed in this packet and from class.

To achieve the learning outcomes for this unit, do the following:
• Review exercises in the textbook
• Make note cards for each combining form, prefix, or suffix in the chapter