UNIT TEST STUDY GUIDE
CHAPTER 13, 14 & 15

CHAPTER 13

- Pulmonary ventilation (breathing mechanism)
  - inspiration & expiration
- Respiratory Air Volumes
- Control of breathing
  - areas- chemosensitive; chemoreceptors
- Gas exchange
  - internal, external & cellular respiration
- Transport of gases
  - oxygen & carbon dioxide

CHAPTER 14

- General functions of blood
- Blood cells
  - erthyrocytes, leukocytes, thrombocytes
  - general characteristics and counts
- Hemostasis- general
- Blood Groups and Transfusions
  - Rh factor
  - erythroblastosis fetalis

CHAPTER 15

- Heart structure
  - coverings, chambers & valves
- Path of blood
- Blood vessels
  - general characteristics & functions
- Cardiac cycle
  - systole & diastole
- Blood pressure
  - factors
- Cardiac conduction
  - structures & sequence
  - EKG