Unit 22:

Neck 3 (deep structures of neck, thyroid & parathyroid glands and cervical segments of trachea & esophagus)

Chapter 8 (Neck): (p. 1012-1021, 1030-1032 and 1038-1040)

GENERAL OBJECTIVES:

- general considerations of the organization of deep structures of neck
- structure and function of endocrine glands in the neck
- anatomy of cervical segments of trachea and esophagus

SPECIFIC OBJECTIVES:

Root of Neck
Boundaries: Anterior, Posterior & Inferior (thoracic inlet)
Contents: Fascia: Prevertebral, Pretracheal, Carotid Sheath
Muscles: Prevertebral muscles (anterior and lateral)
Viscera:
  - Trachea
  - Oesophagus
  - Thyroid Gland: Position, Parts & Key Relations
  - Arteries & Veins. Lymphatics & Nerves
  - Parathyroid Glands
  - Apex of Lung
  - Thymus (in early life)
Serous Membranes: Cervical Pleura
Arteries: Common Carotid
  - Subclavian (1st. & 2nd. Parts)
    - Branches: Vertebral (1st. part)
      - Thyro cervical Trunk & Branches
      - Internal Thoracic & Costocervical Trunk
Veins: Internal Jugular (& Tributaries)
  - Subclavian (& Tributaries)
  - Inferior Thyroid
Lymph Nodes & Lymphatics:
  - Lower Deep Cervical Nodes
  - Thoracic Duct
  - Right Lymphatic Duct
Nerves:
  - Vagus & Recurrent Laryngeal Branch
  - Phrenic
  - Ventral Rams of T:1
  - Sympathetic Trunk + Ganglia: Stellate, Middle Cervical