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BIO 2311 (lab)

Tuesdays from 2:30-5pm
EMPLID: 24202000

Review #1

① The standard Human Anatomical position is erect, with feet only slightly apart, head + toes pointing forward, and arms hanging at the side with palms forward.

② Right Front side

- Ⓐ orbital
- Ⓑ Nasal
- Ⓒ oral
- Ⓓ cervical
- Ⓔ sternal
- Ⓕ Axillary
- Ⓖ mammary
- Ⓗ Umbilical
- Ⓙ pelvic
- Ⓚ Inguinal
- Ⓛ pubic (genital)
- Ⓜ Patellar
- Ⓝ clavical

Left Front side (Anterior / Ventral)

- ⓐ Acromial
- ⓑ Brachial
- Ⓕ Antecubital
- Ⓖ Carpal
- Ⓗ Digital
- Ⓙ Coxal
- Ⓚ Tarsal
- Ⓛ Digital
- Ⓜ Hallux

Proximal / Dorsal - left side

- Ⓐ OTC
- Ⓑ occipital
- Ⓒ Dorsal (scapular)
- Ⓓ vertebral
- Ⓔ occipital
- Ⓕ lumbar
- Ⓖ Sacral
- Ⓗ Gluteal
- Ⓙ Digital
- Ⓚ Femoral
- Ⓛ Popliteal
- Ⓜ sural
- Ⓝ fibular
- Ⓗ calcaneal
- Ⓙ plantar

⑤ A Plane is when a section is made through the body wall or through an organ, It is made along an imaginary surface or line.

- ④
- ① Superior
 - ② Anterior
 - ③ Proximal
 - ④ Sagittal
 - ⑤ medial
 - ⑥ Lateral
 - ⑦ Inferior
 - ⑧ Distal
 - ⑨ Transverse
 - ⑩ Posterior
 - ⑪ Frontal

- ⑤
- A) Frontal Plane
 - B) Median Plane
 - C) Transverse plane

⑥ The Diaphragm

⑦ Abdominal cavity

- ⑧
- #1. Cranial cavity: The brain
 - #2. Vertebral cavity: Spinal cord
 - #3. Thoracic cavity: The heart
 - #4. Abdominal cavity: The stomach
 - #5. Pelvic cavity: The bladder
 - #6. Mediastinum: The Thymus gland

- ⑨ #1. spleen - left hypochondric region
- #2. urinary bladder - Pubic (hypogastric) region
- #3: stomach - Epigastric region
- #4: Cecum - Right Inguinal region

⑩ The serous membranes protect organs from infection by covering the organs with a thin double layered membrane which produces a thin lubricating fluid that the visceral organs to slide over one another or rub against the body wall with minimal friction. It also compartmentalizes the various organs.

⑪ The pleura and the pericardium

⑫ Peritoneum

- ⑬ #1. orbital cavity
- #2. middle ear cavities
- #3. Nasal cavity
- #4. oral cavity
- #5. synovial cavity

⑭ Antibrachial

⑮ Right Inguinal region

⑯ Abdominopelvic cavity

⑰ Synovial joint cavity

⑱ Peritoneum