

Kayla Proctor

Bio 2311 Lab

Professor Haque

September 13, 2021

Review Sheet 1

1) The human anatomical position is standing upright with the hands at the side and palms facing forward.

2) Anterior left side:

- a) Orbital
- b) Nasal
- c) Oral
- d) Cervical
- e) Sternal
- f) Axillary
- g) Mammary
- h) Umbilical
- i) Pelvic
- j) Inguinal
- k) Pubic
- l) Patellar
- m) Crural

Anterior right side:

- a) Acromial
- b) Brachial
- c) Antecubital

d) Antebrachial

e) Carpal

f) Digital

g) Coxal

h) Tarsal

i) Digital

j) Hallux

Posterior:

a) Otic

b) Occipital

c) Scapular

d) Vertebral

e) Olecranal

f) Lumbar

g) Sacral

h) Gluteal

i) Pollex

j) Femoral

k) Popliteal

l) Sural

m) Fibular

n) Calcaneal

o) Plantar

3) Plane- When a cut or section is made through the body wall or an organ.

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
- b. Median
- c. Transverse
- 6) Diaphragm
- 7) Abdominal cavity
- 8) a. Cranial- Brain
- b. Vertebral- Spinal cord
- c. Thoracic- Heart
- d. Abdominal- Stomach
- e. Pelvic- Urinary bladder
- f. Mediastinum- Esophagus
- 9) a. Spleen- left hypochondriac region
- b. Bladder- pubic region
- c. Stomach- Epigastric region
- d. Cecum- Right inguinal region
- 10) Serous membranes compartmentalize organs to prevent infections from spreading from one organ to another.

11) The serous membrane is found in the ventral body cavity. The pleura and pericardium are found in the thoracic cavity.

12) The peritoneum is found in the abdominopelvic cavity.

13) 1-e) Oral cavity

2-a) middle ear cavity

3-b) nasal cavity

4-e) oral cavity

5-e) synovial cavity

14) Antecubital region

15) The person is feeling pain in the abdominal cavity.

16) The pelvic cavity would need to be opened for a hysterectomy.

17) The patellar cavity would need to be opened for a knee joint replacement.

18) The peritoneum is involved.

Review Sheet 2

1)

a) Brain

b) Larynx

c) Thyroid

d) Trachea

e) Lung

f) Heart

g) Diaphragm

h) Liver

i) Stomach

j) Spleen

- k) Large intestine
 - l) Greater omentum
 - m) Small intestine
- 2)
- a) Lymphatic
 - b) Skeletal
 - c) Endocrine
 - d) Respiratory
 - e) Integumentary
 - f) Male reproductive system
 - g) Digestive
 - h) Urinary
- 3) The gametes produced by the testes are called sperm cells and egg cells are produced by the ovaries.
- 4) Four tissue types: Connective, muscle, epithelial, nervous
- 5) The artery is made up of a group of tissues with the common function of moving blood from the heart.
- 6) The two main organ systems are the nervous system and cardiovascular system. The nervous system responds to stimuli and the cardiovascular system controls body temperature.
- 7) The skeletal system forms blood cells and provides support and protection for other tissues.
- 8) Respiratory and urinary systems.
- 9) I would mention the lymphatic and endocrine systems.
- 10) Without the spleen, the person won't have as many antibodies to help them fight infections.

