Name <u>Samantha Fernandez</u> Lab Time/Date <u>2</u>/15/21

The Language of Anatomy

Surface Anatomy

1. Match each of the numbered descriptions with the related term in the key, and record the key letter or term in front of the description.

Key: a buccal c. cephalic c. patellar f. scapular

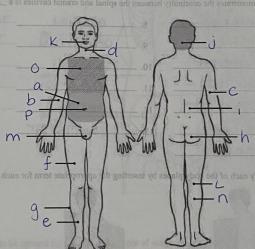
A 1. cheek 4. anterior aspect of

2. the fingers 5. heel of foot

3. shoulder blade region

2. Indicate the following body areas on the accompanying diagram by placing the correct key letter at the end of each line. Key:

ad abdominal M. antecubital crural crural crural fibular h. gluteal i. lumbar cocipital k. oral M. popliteal pr. pubic pr. umbilical



3. For each term in the key of question 2 above, determine which of the two major body divisions it belongs to. Insert the appropriate key letters on the answer blanks.

b, c, e, f, g, L, M1. appendicular P, O, a, d, h, i, j, k, m 2. axial

8. Draw a kidney as it appears when sectioned in each of the three different planes. Transverse Frontal Sagittal section section 9. Correctly identify each of the nine regions of the abdominopelvic cavity by inserting the appropriate term for each of the letters indicated in the drawing. epigastric hypochondriac umbilical (a) Right lumbar - (c) (b) lumbar - (d) pubic (g) 10. Which body cavities would have to be opened for the following types of surgeries or procedures? (Use the key to find the correct choice, and write the letter on the same-numbered blank. More than one choice applies.) e. thoracic c. dorsal d. spinal Key: a. abdominopelvic ventral e_1. surgery to remove cancerous lung lobe af appendectomy 5. stomach ulcer operation 2. removal of the uterus, or womb 6. delivery of preoperative "saddle" anesthesia 3. removal of a brain tumor

en docrine 3. pancreas, pituitary, adrenal glands

vespiratory 4. trachea, bronchi, lungs

Organ Systems Overview

8. muscles of the thigh, postural muscles

5. spinal cord 8. traches	amadema C
 Use the key below to indicate which body systems perform to once.) Then, circle the organ systems (in the key) that are presented. 	he following functions. (Some responses are used more than resent in all subdivisions of the ventral body cavity
Key: a. cardiovascular – d. integumentary b. digestive e. lymphatic/immune – f. muscular	g. nervous j. skeletal – h. reproductive – k. urinary – i. respiratory –
end ocrine 2	aining wastes
2. is affected by removal of the th	nyroid gland
Skeletal 3. provides support and the levers	s on which the muscular system acts
<u>Carolovascul</u> 04! includes the heart	The levels of organization of a living body include:
integumentary protects underlying organs from	m drying out and from mechanical damage
lym phatic/immune protects the body; destroys back	cteria and tumor cells
digestive 7. breaks down ingested food into	o its building blocks
ves protory 8. removes carbon dioxide from t	Using the terms provided, correctly hearts of boold add
cardiovascular 9. delivers oxygen and nutrients to	Key: blood vessels heart nerves brain brain lidney sens sens sens en to the
	cial expression
<u>digestive</u> 11. regulates water balance and re	moves nitrogen-containing wastes from the body
endocrine and reproductive 12. fac	cilitate conception and childbearing
endocrine 13. controls the body by means of	chemical molecules called hormones
integimentary 4. is damaged when you cut your	finger or get a severe sunburn
Using the key above, choose the organ system to which each	h of the following sets of organs or body structures belonge
lymphatic 1. thymus, spleen, lymphatic vessels	in tegumentarys. epidermis, dermis, cutaneous sense orga
Skeletal 2. bones, cartilages, tendons	veproductive 6. testis, ductus deferer urethra

26	Review Sheet 2
3.	Using the key, place the following organs in their proper body cavity. Letters may be used more than once.
	Key: a. abdominopelvic- b. cranial c. spinal d. thoracic -
	abdominopelvici. stomach abdominopelvici. liver thoracic 7. heart
	thoracic 2. esophagus Spinal 5. spinal cord thoracic 8. trachea
	abdominopelvic 3. large intestine abdominopelvic 6. urinary bladder abdominopelvic 9. rectum
4.	Using the organs listed in question 3 above, record, by number, which would be found in the abdominopelvic regions listed
	below. 6 1. hypogastric region 4. epigastric region
	2. right lumbar region 5. left iliac region
	3. umbilical region 6. left hypochondriac region
5	The levels of organization of a living body include: Cellular , HISSUE
	Organ System, and organism.
	A shought that manages different functions.
6.	Define organ. A Style of the body, desured the body, desured the body, desured the body desured the body desured to the body.
	Using the terms provided, correctly identify all of the body organs indicated with leader lines in the drawings below. Then
7	name the organ systems by entering the name of deed of
	Key: blood vessels - heart - nerves - spinal cord - urethra - hrain - kidney - sensory receptor - ureter - urinary bladder -
	10. moves the limbs; facilitates facial expression
	Brain content balance and content balance and content of the conte
	Sensory
	sonal cord Heart Ureter
	spinal cord Heart Vreter
	MA III AM
	Nerves vrethra
	urinary bladder
	Nerves vrethra
	Nerves Blood Vessels
	Nerves Urinary bladder Urethra
	Nerves Blood Vessels
	Nerves Blood vessels Cardiovas cular
	Nervous System b. cardiovas cular c. Urinary System a. Nervous System b. cardiovas cular c. Urinary System
	Nerves Blood vessels Blood vessels Lineary System a. Nervous System b. Cardiovas cular c. Urinary System 8. Why is it helpful to study the external and internal structures of the rat? The composition of the human body which can give
	Nerves Blood vessels Cardiovas cular