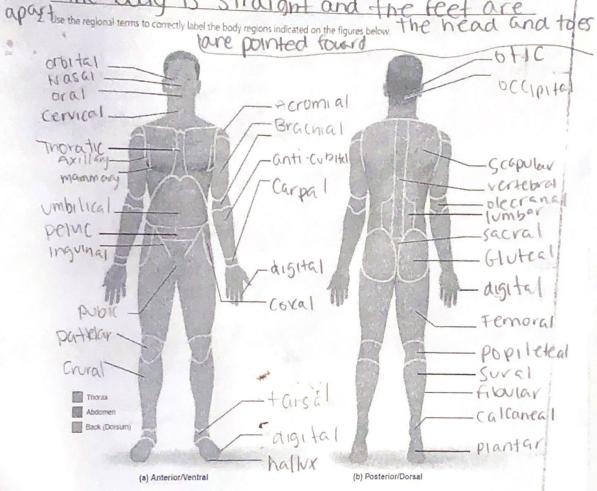
Melina Matelps

Instructors may assign a portion of the Review Sheet questions **REVIEW SHEET** using Mastering A&PTM The Language of Anatomy

Name Melina Tlaterpa

Regional Terms

1. Describe completely the standard human anatomical position. The anatomical position is when the body is straight and the feet are Slightly



1 The Language of Anatomy

12 Review Sheet 1

Directional Terms	s, Planes, and Sect	ions			1.00
3. Define when	01000 10	11000	n decer	be the	10cation
	statements appear below his each term only once.	Correctly complete each	statement by choosing I	the appropriate anato	
anterior	inferior	posterior	superior		parts
distal	lateral	praximal	bransverse		
frontal	medial	sagittal			
1 The thoracic	CONTY IS SUPCY LOY	to the abdominopelvic ca	vity		
	(windpipe) is anterior				
	Proximal to the ha				
4 If an incision	cuts the heart into left and	right parts, a SOG1	+al plane of section v	was used	
	medial to the ch				
	is lateral to the				
7. The vertebr	al cavity is DOSteric	to the cranial cavity.			
8 The knee is	MERNOY to the t	nigh			
9. The plane	that separates the head fro	m the neck is the	MSVE SC plane		
	eal region is distal				
11. The plane	that separates the anterior	body surface from the po	sterior body surface is the	coronelplan	ie
	tify each of the body planes				
(a	Frontal	(b) From	1 (a) T	yansver	r se
Body Caviti	es	di	aphragm	١	
6. Name the r	es nusde that subdivides the v	entral body cavity.	andon	and co	with
7. Which bod	y cavity provides the least pr	otection to its internal str	uctures/ Chylind	1111011	N. J
8. For the bo	dy cavities listed, name one	organ located in each co.	ny		
1 crania	al carry + Me b	201001	rord		
2. verte	bral cavity the	Spirical	COID		

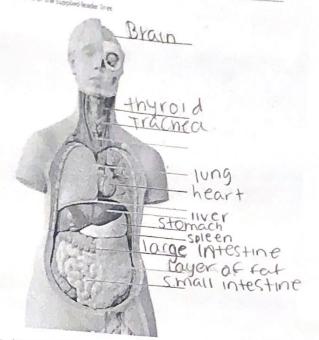
Melina Matelpa

2 Organ Systems Overview

REVIEW SHEET Organ Systems Overview

O instructors may assign a partic of the Review Sheet questions using Mansarring Adaptive

Label each of the oxpans at the end of the supplied leader



2. Name the organ system to which each of the following sets of organs or body structures belongs

I mphatic / Mynus and the following sets of organs or body structures belongs the structure belongs to the st 5 KERETE Dones, cartrages, Lendons V-EPRODUCE ILE 6 1835s, prostate

endocrine 3 pancreas, piturtary gland

replicatory 4 tradies, bronchi, lungs

UNIOCAYY 8 kidneys, ureller, urethra

3. Name the column	
Constitution of the transfer o	
Produced by the testes and ovaries Gametes are	
a low long to the long of the	
4. List the four primary tosue types The four formal formation of the four formation of	
tuges the tour on	
types are consecting primary tissue	
s. Explain why and	
5. Explain why an anery is an organ An circle ve epithelial imuscie & nerous	j
The course of the course of the course	
1900 Da h	
The endocrine Sixtems (Organ System) is the two main organ systems that communicate within the body to maintain homeostash Briefly explain their different	
17 Control mechanisms One of control mechanisms.	
The rescue System Council System is the endergine System	
The Marian and the control of the co	
Cherrous susteen carnes information could system.	
The nervous system carnes information from cell to cell	
baptain the role that the skeletal and t	,
Provides Muscle and Strength to Keep that)
The state of the s	
as a Untreated diabetes meditus can lead to a condition in which the blood	4
that play the Largest role in compensating for acid-base imbalances. The ALCHO CONCRATE Name two organ systems	1.
that play the largest role in compensating for acid-base imbalances. The VCD CVCU	My
CALLA I & CDI VI I	
2. The most	
be any side effects from the removal of the gland. Which two organ systems would you mention in your explanation? WOULD MENTION THE	
tal (1) are removal of the gland. Which two organ systems weighted asks you whether there will	
a mention the Canadian in your explanation?	
and endocrine caraio vascular	
10. Inchief about	
patients talk to their rights are missing their spleen or have a roless that it	
patients talk to their doctor about vaccines that are indicated for their health condition. Explain how this recommended that these correlates to their chronic health condition.	1
their chronic health condition That CE (Common and Common and Comm	
10 thought and formation of the later	
begase vaccine health condition	
DELIGORE VIOLENCE	
TO REONE SALL	
SLCIC GETTING	

REVIEW SHEET The Microscope

Instructors may assign a portion of the Review Sheet questions using Mastering A&P**

Name		A Charles	
Care and	d Structure of the Compound Micr	roscope	
	O O DE	- Ocular renses	
	Nose piece	ARI	M ective tens
Mechanic Stage	Diaphragma Condensor		-apenture
	Illuminator		- course adjustment - fine a djusment
	Base	Í	right
			switch

2 Explain the proper technique for transporting the microscope.

YOU Should hold It up straight

With one hand on the base and the other hand mein teasing it straight and lightly placing it on the Surface

3 The Microscope

24

Review Sheet 3

3. Each of the following statements is either true or false. If true, write T on the answer blank. If false, correct the statement by writing on the blank the writing on the blank the proper word or phrase to replace the one that is underlined The microscope lens may be cleaned with any soft tissue The microscope should be stored with the oil immersion lens in position over the stage When beginning to focus, use the scanning objective lens When focusing on high power, always use the coarse adjustment knob to focus A coverslip should always be used with wet mounts. 4. Match the microscope structures in column B with the statements in column A that identify or describe them. Column A Column B platform on which the slide rests for viewing a. coarse adjustment knob 6 condenser used to adjust the amount of light passing through fine adjustment knob the specimen iris diaphragm lever e mechanical stage nosepiece g objective lenses h ocular lens controls the movement of the slide on the stage delivers a concentrated beam of light to the specimen stage used for precise focusing once initial focusing has been done carries the objective lenses; rotates so that the different objective lenses can be brought into position over 5. Define the following terms total magnification: When the object gets kurger in SIZE. resolution: 15 the 11the alstance where the Specimn Can be seen. Viewing Objects Through the Microscope 6. Complete, or respond to, the following statements. WORKING dISTANCE The distance from the bottom of the objective lens to the surface of the slide is called Assume there is an object on the left side of the field that you want to bring to the center (that is, toward the apparent right). In what direction would you move your slide? ____ The area of the slide seen when looking through the microscope is the ___ If a microscope has a 10× ocular lens and the total magnification is 950×, the objective lens in

then the contract	Review Sheet 3
CONTRACT S	Vhy should the light be dimmed when looking at living (nearly transparent) cells?
partocal 6. 11	Why should the light be dimmed when looking at living (nearly transparent) cells? After focusing in low power, you need to use only the fine adjustment to focus the specimen
	t the higher powers, the microscope is said to be
0.75 mm	ou are using a 10× ocular and a 15× objective, and the field diameter is 1.5 mm. The ap-
A 11	proximate field size with a 30× objective ismm.
0.4 mm 8.	the diameter of the low-power field is 1.5 mm, an object that occupies approximately a third
	of that field has an estimated diameter of mm
 You have been asked to prepare low-power field. 	ϵ a slide with the letter F on it (as shown below). In the circle below, draw the F as seen in the
-	
	F (*)
8. Estimate the length (longest dim	nension) of the object in µm.
Total magnification = 100×	
Field diameter = 1.6 mm	
Length of object = $\frac{160}{100}$	
1	in the low-power field. When you switch to high power, it is no longer in your field of view.
Why might this occur?	s might occur because high power
prakes +	- better to see the whole about
What should you do initially to	prevent this from happening?
900 should	test which power field works the
10. Do the following factors increase	e or decrease as one moves to higher magnifications with the microscope?
resolution INCVES	amount of light needed: INCVPUSE
working distance: Cl	rese depth of field decrase
	ens in position and appears to be intently observing the specimen. The instructor, noting a work- lows the student isn't actually seeing the specimen.
How so? SINCE -	the distance is cm, it is
	ose

THE RESIDENCE OF THE PROPERTY OF THE PARTY O

3 The Microscope

12. Describe the proper procedure for preparing a wet mount.

OPLACE The Object in a dvop of water of Saline on Saline on Oplace the object in a dvop of water of Saline on Oplace the Object in a dvop of water of Saline on Oplace the probable cause of the following situations during use of a microscope

a Only half of the field is illuminated SOMETHING IS BLOCKING THE LIGHT PATH

b The visible field does not change as the mechanical stage is moved: SOMETHING IS

OLOCKING THE OPPECT AND THE Objective IENS

14. 2 A blood smear is used to diagnose malaria. In patients with malaria, the protozoa can be found near and inside red blood cells. Explain why a microscope capable of high magnification and high resolution would be needed to diagnose malaria.

A CHICA SCORE WOULD BE NEEDED TO SEE IT SINGLESS Why are thin really slices of tissue ideal for this procedure? Thin TISSUES AND AGAIL COSE

WOULD BE ABLE TO SEE WHAT ARE EASY TO SEE