Human Anatomy and Physiology Laboratory Manual Fetal Pig Version 11th Edition Marieb Test Ba

Exam Name:	_					
Name	Exam					
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question. A) brain B) lungs C) heart D) urinary A) brain B) lungs C) heart D) urinary Answer: D B C C B) C D C C) D C C Answer: D B C C C) D C C A) cleaness the blood of pathogens and debris B C C B) C C C C D) Chis the body of urea, uric acid, and ammonia Answer: B C C Answer: B Explanation: A) A) promotes growth and development B) C) C) A) promotes growth and development B) C) C) C) C) C) A) promotes growth and development B) C) C) C) C) C) A) promotes growth and development B) C) C) C) C) C) C) A) promotes growth and development B) C) C)	Name					
1) Which of the following is an organ system? 1) A) brain B) lungs C) heart D) urinary Answer: D Explanation: A) B) C) D) C) D) C) 2) The respiratory system	MULTIPLE CHOICE. C	Choose the c	one alternative that be	st completes the stateme	nt or answers the questic	on.
A) brain B) lungs C) heart D) urinary Answer: D Explanation: A) B) B) C) D) C) 2) The respiratory system A) cleanese the blood of pathogens and debris B) C) B) continuously supplies oxygen to the blood while removing carbon dioxide C) C) C) C) delivers oxygen, carbon dioxide, nutrients and hormones to cells of the body D) rids the body of urea, uric acid, and ammonia Answer: B Explanation: A) B C) D) 3) The cardiovascular system 3)	1) Which of the f	ollowing is	an organ system?	·		1)
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Explanation: A) B) C) D)	Answer: D				by algestive	
B) C) D)	Explanation:	A)				
D)		B)				
		D)				

6) The spleen, thy A) cardiovas C) lymphatic	mus, and to scular c/immune	nsils are all part of the	system. B) respiratory D) endocrine		6)
Explanation:	A) B) C) D)				
7) Name the body A) digestive	v system that	eliminates nitrogen-con B) respiratory	taining wastes from the bo C) circulatory	ody. D) urinary	7)
Answer: D Explanation:	A) B) C) D)				
8) The major orga	ns of this sy	stem allow you to draw, j	olay tennis, dance, and fro	wn.	8)
A) skeletal Answer: D		B) cardiovascular	C) nervous	D) muscular	
Explanation:	A) B) C) D)				
9) This body syste	ém is an esse	ntial companion to the ca	ırdiovascular system beca	use it picks up leaked	9)
fluid from the k	blood vessels	s and returns it to the bloc	od.		, <u> </u>
C) lymphatic	c/immunity		D) endocrine		
Answer: C	۵)				
	A) B) C) D)				
10) The stomach be A) respirator	elongs to this	s organ system. B) reproductive	C) cardiovascular	D) digestive	10)
Answer: D Explanation:	A) B) C) D)				
11) These organs b A) larynx an C) ovaries ar	elong to two d trachea nd testes	organ systems.	B) nerves and spinal co D) bladder and ureters	rd	11)
Answer: C Explanation:	A) B) C) D)				

12) The thyroid gl A) lymphat C) nervous Answer: B Explanation:	and belongs ic/immunity A) B) C) D)	to this organ system.	B) endocrine D) respiratory		12)
13) This organ is a	ı large muscu	llar tube that ends at the ar	ius.		13)
A) trachea		B) esophagus	C) small intestine	D) large intestine	
Explanation:	A) B) C) D)				
14) The a	and	_ are part of the respiratory	v system.		14)
A) bronchi, C) testes ov	thymus varies		B) lungs, esophagus D) alveoli, trachea		
Answer: D					
Explanation:	A)				
	в) С)				
	D)				
15) The integumer A) is a site f B) protects C) breaks de D) contribut	ntary system or blood-cell the deep orga own ingested tes to the acic	 I formation ans from injury and drying I food d-base balance of the blood	g out		15)
Answer: B					
Explanation:	A) B)				
	C)				
	D)				
16) The major orga	ans of the car	diovascular and respirato	ry systems, the heart and I	ungs, reside in the	16)
cavit	ty.		B) sninal		
C) abdomin	opelvic		D) cranial		
Answer: A					
Explanation:	A) P)				
	с)				

D)

17) Which two bo	balance of blood?	17)	
A) nervous	and urinary	B) respiratory and endocrine	
C) cardiova	scular and endocrine	D) urinary and respiratory	
Answer: D			
Explanation:	A)		
-	В)		
	C)		
	D)		
18) The major fun substances and	ction of this body system is to keep d pathogens.	us healthy by protecting us from foreign	18)
 A) respirato 	ory	B) urinary	
C) lymphat	ic/immunity	D) cardiovascular	
Answer: C			
Explanation:	A)		
	B)		
	C)		
	D)		

Answer Key Testname: EX2

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Name_____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) This is the formula for calculating the diameter of an unknown microscope field. 1) A) diameter of field A × total magnification of field A = diameter of field B × total magnification of field B B) diameter of field A + total magnification of field A = diameter of field B + total magnification of field B C) diameter of field A + diameter of field B = total magnification of field A + total magnification of field B D) diameter of field A \times diameter of field B = total magnification of field A \times total magnification of field B Answer: A Explanation: A) B) C) D) 2) You are looking at very lightly stained cells under the microscope, and you want to increase the 2) contrast so that you can see them "better." You _____ the iris diaphragm to _____ the light. A) open, increase C) close, increase B) open, dim D) close, dim Answer: D Explanation: A) B) C) D) 3) If the diameter of your microscope field is 1 mm at low power (10x) and your ocular lens is 10x, 3) then what is the diameter of your field when you switch to the 50× objective lens? A) 0.02 mm B) 0.2 mm C) 0.002 mm D) 2 mm Answer: B Explanation: A) B) C) D) 4) The _____ is a substage lens that concentrates light on the specimen. 4) A) light source B) condenser C) iris diaphragm lever D) objective lens Answer: B Explanation: A) B) C) D)

5) If your ocular lens is 10×, and you are using your 45× objective lens to view a slide, the total magnification is					
A) 250× Answer: D Explanation:	B) 55× A) B) C) D)		C) 90×	D) 450×	
6) The c	of the microscope car	ries three or four o	bjective lenses.		6)
A) arm Answer [,] D	B) bas	e	C) ocular	D) nosepiece	
Explanation:	A) B) C) D)				
7) You have learn image, and tha A) ocular, ol C) real, virtu	ed that the objective t the ocular lens mag pjective ual	e lens magnifies the gnifies that image,	e object on the slid forming the B) objective, rea D) virtual, ocula	de, producing the image. 11 ar	7)
Answer: C Explanation:	A) B) C) D)				
8) As you increas	e the total magnifica	tion of the specime	en, the working d	listance	8)
A) increases Answer: B		B) decreases		C) remains the same	
Explanation:	A) B) C)				
9) The working d A) much less B) a little bit C) a little bit D) much gre Answer: D Explanation:	istance for a 10× obje s than the working d c less than the working greater than the working eater than the working A) B) C) D)	ective lens is istance for the 100 ng distance for the rking distance for ng distance for the	× objective lens 100× objective ler the 100× objective 100× objective ler	ns e lens 1s	9)

10) You begin you A) highest-r	r observations using th power, fine	ne lens and B) (ס	I the lowest-power	adjustment knob. -, coarse	10)
Answer: B Explanation:	A)	D)	midiange-po	wer, coal se	
·	B) C) D)				
11) To transport a A) horizonta B) cradled i C) upright, D) close to y	microscope, hold it ally, with one hand sup n both arms with one hand on its an rour body with one arr	 oporting the objectiv rm and the other har n and cover the top o	ve lenses nd supporting of it with your	its base other arm	11)
Explanation:	A) B) C) D)				
12) When you war A) arm Answer: B Explanation:	nt to study a slide unde B) stage A) B) C) D)	er the microscope, yo C)	ou place it on t head	he D) base	12)
13) With the higherA) fine adjurAnswer: AExplanation:	er power objective lens stment knob A) B) C)	es, use only this kno B) iris diaphragm le	b to focus. ever	C) course adjustment knob	13)
14) As you examin of the cells you A) make no Answer: C Explanation:	ne the tissue on your sl u see. You the adjustment to A) B) C)	ide, you switch to a ge light intensity to se B) decrease	greater magnif e better at the g	ication to increase the size greater magnification. C) increase	14)

15) You prepare a you cannot seeA) increaseB) prepare aC) view at aD) view at a	wet mount of your ow any detail of the cells. light intensity nother slide and stain higher power lower power	n cheek cells and What can you do with methylene l	place it under th to make details plue	e microscope, but find that more visible?	¹⁵⁾ _	
Answer: B Explanation:	A) B) C) D)					
16) As total magni A) increases Answer: B Explanation:	fication increases, the A) B) C)	depth of field B) decreases		C) remains the same	¹⁶⁾ _	
17) The ability to c A) parfocal C) virtual in Answer: D Explanation:	liscriminate two close nage A) B) C) D)	objects as separat	e is called B) working dista D) resolution (or	 ance - resolving power)	17) _	
 18) Microscope sp layer of cells an A) slide tow C) lens furth Answer: C Explanation: 	ecimens have depth, as nd wish to see the top ard or away from you her away from the slide A) B) C) D)	s well as length ar layer of cells clear e	nd width. If you a ly, you should m B) slide to the le D) lens closer to	are focused on the middle nove the ft or right the slide	18) _	
19) When studying place. A) highest Answer: C Explanation:	g a slide in a microscor A) B) C)	begin focusing B) midrange	g with the	power objective lens in C) lowest	19) _	

20) The microsco A) platforu B) area yo C) space r D) area in	ope field is the m on which th u see through lear the micro which you pla	e he slide rests the lenses of the mich scope where you sit ace the microscope	roscope		20)	
Answer: B Explanation:	A) B) C) D)					
21) You are look and red is or microscope, rotate the ad A) red	ing at a slide o the top. Whe the stage rises justment knob	of three crossed thread n you rotate the adjus . You move the adjus o forward, which colo B) blue	ds. Yellow is on the botto stment knob forward (aw tment knob to focus on th r thread will come into fo	om, blue is in the middle, vay from you) on your he middle thread. As you ocus next? C) yellow	21)	
Answer: C Explanation:	A) B) C)					
22) If a circular of t diameter of t	bject seen in y he field, the o	your low-power field bject's diameter is abo B) 0.25 um	(diameter 1 mm) occupi out	ies about 1/4 of the	22)	
Answer: C Explanation:	A) B) C) D)	<i>D</i> , 0.20 µm	0) 200 µm	D) 20 µm		
23) As you incre A) increas Answer: B Explanation:	ase the total m es A) B) C)	nagnification of the sp B) decreas	becimen, the size of the fi es	eld C) remains the same	23) _	
24) The total ma A) dividin B) multip microse C) multip D) adding Answer: C Explanation:	gnification of g the power o ying the power cope ying the power the power of A) B) C) D)	an object can be found f the objective lens by er of the objective lens er of the objective lens the objective lens and	d by / the power of the ocular s by the number of objec s by the power of the ocu I the power of the ocular	Tlens tive lenses on your ular lens lens	24)	

25) The depth of field _____.

A) depends on the tissue being studied

B) depends on the thickness of the slide

C) is the depth of the slide that is clearly in focus

Answer: C

A) B) C) Explanation:

Answer Key Testname: EX3

> 1) A 2) D 3) B 4) B 5) D 6) D 7) C 8) B 9) D 10) B 11) C 12) B 13) A 14) C 15) B 16) B 17) D 18) C 19) C 20) B 21) C 22) C 23) B 24) C

25) C

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