Anatomy & Physiology Chapter 1 Study Guide

Name:	

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1.	Study of the human body:	first began with earliest humans bec	ause	the second of th			
	•	vere curious about the world	b.	they were as interested in their bod and their functions as we are today.			
	Vent - Incline		c.	of their concern with illness and inj			
2.	Which of the following fa	ctors sets the stage for early knowle	dge of the				
		r gods controlled sickness and	c.	the development of paper			
	b. the growing experies treated the sick with	nce of medicine men as they herbs and potions	d.	the ability to ask questions and reco	ord the		
3.	The development of modern science began with:						
	a. rejection of the belie	of in supernatural forces	c.	the belief that natural processes we by forces that could be understood			
	b. the growing experie the treatment of illn	nce of medicine men in ess and injury	d.	the ability to ask questions and rec answers	ord the		
4.	What languages form the basis of the language of anatomy and physiology?						
5.	The branch of science that	deals with the structure of body pa	rts is				
6.	The branch of science that	studies how body parts function is					
7.	The function of a part is (always, sometimes, never) related to its structure.						
8.	While knowledge of physiology continues to develop, knowledge of anatomy does not change.						
	a. True						
	b. False						
9.	List the levels of organization of the body in order of increasing complexity, beginning with the atom.						
10.	The sum total of chemical	reactions in the body that break sul	ostances do	own and build them up is			
11.	List those characteristics t	hat humans share with other organi	sms.				
	a.			f.			
	b.			g.			
	C.			h.			
	d.			i.			
	e.			j.			
12.	The most abundant chemi	cal in the human body is		•			
13.	Food is used as a(n) source to build new and to participate in the regulation of chemical reactions.						
14.	Oxygen is used to release	<u> </u>					
15.	An increase in temperature the rate of chemical reactions.						
16.	The action of the heart creates pressure in the blood vessels.						
17.	Homeostasis means						
	a. maintenance of a stal	ole internal environment.		c. preventing any change in the o	rganism.		
	b. integrating the function systems.	ons of the various organ					

18.	Match the terms related to homeostasis in column A to the definitions in column B.					
	a. homeostasis	1 a point which tells what a particular value should be				
	b. receptors	2 provide information about specific conditions in the internal environment				
	c. effectors	3 cause responses which alter conditions in the internal environment				
	d. set point					
19.	The portion of the body that contains the head neck	and trunk is called the				
20.	The arms and legs are called the	nortion				
21.	The major cavities of the axial portion of the body cavity, the canal, th cavity, and the					
22.	The inferior boundary of the thoracic cavity is the					
23.	The heart, esophagus, trachea, and thymus gland are located in the, which separates the thoracic cavity into two compartments.					
24.	The pelvic cavity is					
	a. the portion of the abdominopelvic cavity below	v the pelvic brim.				
	b. the portion of the abdomen that contains the internal reproductive organs and the urinary bladder.					
	c. the portion of the abdomen surrounded by the l					
25.	List the four body cavities located in the head.	•				
26.	The visceral and parietal pleural membranes secrete	a serous fluid into a potential space called the				
27.	The heart is covered by the memb					
28.	The peritoneal membranes are located in the					
29.	The covering of the body is made of an organ and various accessory organs known as the system.					
30.	Match the systems listed in the first column with the	functions listed in the second column.				
	a. nervous system	1. reproduction				
	b. muscular system	2. processing and transporting				
	c. circulatory system	3. integration and coordination				
	d. respiratory system	4. support and movement				
	e. skeletal system					
	f. digestive system					
	g. lymphatic system	•				
	h. endocrine system					
	i. urinary system					
	j. reproductive system					
31.	Which of the following positions of body parts is (are	e) in anatomical position?				
	a. palms of hands turned toward sides of body	c. arms at side				
	b. standing erect	d. face toward left shoulder				
32.	Terms of relative position are used to describe the	d. face toward left shoulder				
	a. relationship of siblings within a family.	a location of any hady part with respect to				
	b. importance of the various functions of	c. location of one body part with respect to				
	organ systems in maintaining life.	another.				
33.	A sagittal section divides the body into					
	a. superior and inferior portions.	o outorior and a setarior assetion a				
	b. right and left portions.	c. anterior and posterior portions.				
34.		amples of				
57.	The terms epigastric, hypochondriac, and iliac are ex	ampres or				