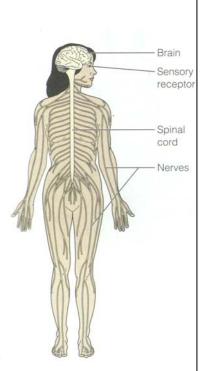
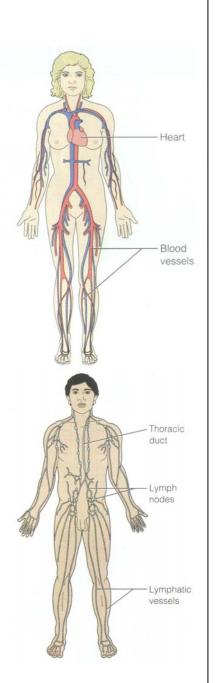
Unit VI: The Human Body

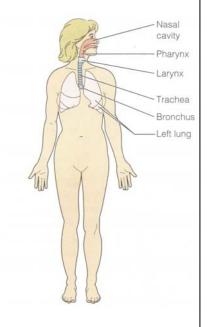
I. A			- study of th	the body	and body part	_ and s and their rela- t and <u>tomy</u> -to cut)
	В.	-		•	body and its p	
				_ or		(from Greek
		physio- na	ature and o	logy- the	study of)	
0	f orga		hat make it			identified levels escribe the cells
III. C)rgar	n System	Overview-	11 syster	ns in the huma	ın body
	A.	Integume	entary Syst	tem- exte	rnal covering o	of the body (the
		1			organ of	the body
	क क		2		bo	dy and
					deeper t	issues from injury
1			5. Secr	etes	and	d
1		Skin	ı ————		(waste produ	cts) in perspira-
	Y					,
owo		ow.	4)
			sure, pa		in s	kin (temp, pres-
2			·	,	rier against	
						and
			protection	from		

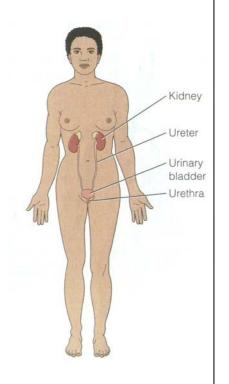
1.	tal System- consists of bones, cartilages, ligaments and joints the body
2.	Provides framework for
3.	Protection
4.	Produces in cavities of skeleton
5.	Storehouse for Join
C. Musc by-	ular System- to produce movement
1.	muscles-
	allows body to
2.	Heart muscle and of other hollow
	organs- move
	(blood, urine) and other sub-
	stances (such as food, wastes,
	hormones, etc.)
. Nervo	ous System- brain, spinal cord,
erves, a	nd sensory receptors
1.	Allows body to respond to (light,
	sound, temperature, pressure, etc.)
2.	Operates on
	impulses
3.	Responds to and
_	anges by activating appropriate or





E.	Endo	crine System- con-		Pineal gland
	trols	, but		Pituitary gland
				Thyroid gland (parathyroid glands
	acts n	nore	host	on posterior aspect) Thymus gland
	than r	nervous system (pituitary, thy-		Adrenal gland
	roid, a	adrenals, pancreas, pineal,	4	Pancreas
	ovarie	es, testes)	900	Testis (male)
	1.	Endocrine glands pro-		Ovary (female)
		duce		
		and release them into the		>
		bloodstream		7
	2.		other	rstructures
		(growth, reproduction, food u	se by cells, etc.)	
	3.	Regulated by		
		that funct	ion to maintain	
_	o:			
F.		llatory System- composed of to c systems	the <i>cardiovasculai</i>	rand <i>lym-</i>
	1.	Heart and blood vessels mak	e up	
		S	ystem	
	2.		_ carries oxygen, n	utrients, hor-
		mones, and other substances	s around the body	
	3.		system picks ι	ıp fluid
	(lymph) leaked from blood, filters it, and returns it to the blood via network of vessels			t to the blood
G.	Resp	iratory System-		
	1	Keeps blood constantly supp	lind	
	1.			
		with	_ and removes	
			(waste	product).





2.		occurs
	through walls of the air sacs of the lungs	

H. **Digestive System**- basically a tube running from mouth to anus (mouth, oral cavity, esophagus, stomach, small and large intestines, rectum and anus

Oral cavity

Esophagus

Stomach
— Small

intestine

intestine Rectum

1. Breaks down

help of ______ (with ______) and delivers products to the blood

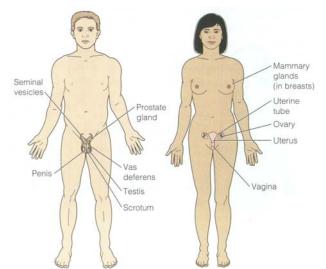
2.

I. Urinary System- rids body of

______ wastes (urea and uric acid) includes

_____, ureters, bladder, urethra

- 1. Maintains bodies ______ balance of water, salt, nitrogenous wastes
- 2. Regulates _____ balance of the blood
- J. Reproductive System- exists primarily to:



(disease causing agent)	
1. Non-specific defenses	
a. First line of defense- your	
b. Second line of defense-	
	_ response
2. Specific defense- called	
	_

K. *Immune System*- your bodies primary defense against pathogens

Homeostasis- as a result of coordinated structures and functions of organ systems, the internal environment of the human body remains relatively stable (homeostatic), despite changes in the outside environment