Chapter 02: Terms Pertaining to the Body as a Whole Chabner: The Language of Medicine, 11th Edition

MULTIPLE CHOICE

1.	The 1	process	by	which	food	is	burned	to	release	energy:
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- a. Nuclear energy
- b. Anabolism
- c. Phagocytosis
- d. Catabolism
- e. Protein synthesis

ANS: D

REF: p. 37

OBJ: Learn the structural organization of the body.

- 2. Part of the cell where formation of proteins occurs:
 - a. Genes
 - b. Chromosomes
 - c. Endoplasmic reticulum
 - d. Cartilage
 - e. Cell membrane

ANS: C

REF: p. 36

OBJ: Learn the structural organization of the body.

- 3. Sum of the chemical processes in a cell:
 - a. Anabolism
 - b. Metabolism
 - c. Protein synthesis
 - d. Catabolism
 - e. A and C

ANS: B

REF: p. 36

OBJ: Learn the structural organization of the body.

- 4. A photograph of an individual's chromosomes:
 - a. Biopsy
 - b. X-ray
 - c. Electroencephalogram
 - d. Sonogram
 - e. Karyotype

ANS: E

REF: p. 37

OBJ: Learn the structural organization of the body.

- 5. Part of a cell where catabolism primarily occurs:
 - a. Cell membrane
 - b. Nucleus
 - c. Mitochondria
 - d. Genes
 - e. Endoplasmic reticulum

ANS: C

REF: p. 37

OBJ: Learn the structural organization of the body.

6. Allows materials to pass into and out of the cell:

	a. Cytoplasmb. Cell membranec. Chromosomesd. Mitochondriae. Nucleus				
	ANS: B	REF:	p. 37	OBJ:	Learn the structural organization of the body.
7.	Genes are compose a. Chromosomes b. Ribosomes c. Hemoglobin d. Deoxyribonucle e. Mitochondria		l (DNA)		
	ANS: D	REF:	p. 35	OBJ:	Learn the structural organization of the body.
8.	Muscular wall sepa a. Mediastinum b. Diaphragm c. Pleura d. Pericardium e. Peritoneum	rating	the abdominal	and th	noracic cavities:
	ANS: B	REF:	p. 44	OBJ:	Learn the structural organization of the body.
9.	The space in the cha. Peritoneum b. Esophagus c. Pleural cavity d. Mediastinum e. Retroperitoneal		ween the lung	s:	
	ANS: D	REF:	p. 43	OBJ:	Learn the structural organization of the body.
10.	Adipose means per a. Cartilage b. Bone c. Fat d. Skin e. Nervous tissue ANS: C	-	to: p. 39	OBJ:	Learn the structural organization of the body.
11.	Throat: a. Trachea b. Coccyx c. Larynx d. Esophagus e. Pharynx				
	ANS: E	REF:	p. 41	OBJ:	Learn the structural organization of the body.

- 12. Sarcoma:
 - a. Part of the backbone
 - b. Flesh tumor; benign
 - c. Malignant tumor of flesh tissue
 - d. Mass of blood
 - e. Skin tumor of epithelial cells

ANS: C REF: p. 56 OBJ: Learn the structural organization of the body.

- 13. Craniotomy:
 - a. Incision of the skull
 - b. Pertaining to the skull
 - c. Pertaining to the brain
 - d. Incision of the chest
 - e. Pertaining to the head

ANS: A REF: p. 56 OBJ: Learn the structural organization of the body.

- 14. A histologist studies:
 - a. Drugs
 - b. X-rays
 - c. Tissues
 - d. The backbone
 - e. The spinal cord

ANS: C REF: p. 38 OBJ: Learn the structural organization of the body.

- 15. An epithelial cell is a/an:
 - a. Skin cell
 - b. Nerve cell
 - c. Fat cell
 - d. Organ
 - e. Muscle cell

ANS: A REF: p. 38 OBJ: Learn the structural organization of the body.

- 16. The pleural cavity is the space:
 - a. Within the abdomen
 - b. Within the backbones
 - c. Surrounding the hip
 - d. Between the membranes around the lungs
 - e. Within the skull

ANS: D REF: p. 43 OBJ: Identify body cavities.

- 17. Viscera:
 - a. Cells in the blood
 - b. Internal organs
 - c. Parts of cells
 - d. Cavities of the body
 - e. Tissues composed of cartilage

	ANS: B	REF:	p. 41	OBJ:	Learn the structural organization of the body.
18.	The pituitary gland a. Cranial b. Spinal c. Pelvic d. Abdominal e. Thoracic	is in th	ne	_ body	cavity.
	ANS: A	REF:	p. 42	OBJ:	Identify body cavities.
19.	Voice box: a. Bronchial tube b. Pharynx c. Esophagus d. Larynx e. Tongue				
	ANS: D	REF:	p. 41	OBJ:	Learn the structural organization of the body.
20.	The tailbone is the: a. Sacrumb. Cervixc. Iliumd. Coccyxe. Cranium				
	ANS: D	REF:	p. 50	OBJ:	Learn the structural organization of the body.
21.	a. Lying on the bab. Conducting towc. In front of the bd. Lying on the bee. Pertaining to the	vard a s ody lly e side			
	ANS: A OBJ: Learn terms re	REF: elated to	•	positior	as, and directions.
22.	The upper regions by region a. Hypogastric b. Inguinal c. Lumbar d. Umbilical e. Hypochondriac		the cartilage o	f the ri	bs that extends over the abdomen are the
	ANS: E	REF:	p. 48	OBJ:	Identify divisions of the abdomen.
23.	The RUQ contains a. Liverb. Appendix	the:			

- c. Lung d. Spleen e. Heart ANS: A REF: p. 49 OBJ: Identify divisions of the abdomen. 24. Pertaining to a plane that divides the body into right and left portions: a. Coronal b. Transverse c. Frontal d. Sagittal e. Distal ANS: D REF: p. 54 OBJ: Learn terms related to body planes, positions, and directions. 25. A disk is: a. Part of the hip bone b. A piece of cartilage between backbones c. A piece of bony tissue connecting the joints in the back d. An abnormal structure in the back e. A pad of fatty tissue between backbones ANS: B REF: p. 50 OBJ: Locate divisions of the back. Select the term that is spelled correctly. 26. Internal organs: a. viscera b. vicsera c. vissera ANS: A REF: p. 70 OBJ: Spell and pronounce terms. 27. Malignant tumor of flesh (connective tissue): a. sacroma b. sarcoma c. sarkoma ANS: B REF: p. 70 OBJ: Spell and pronounce terms. 28. Pertaining to the chest: a. thoracic b. thorasic
- 29. Lying on the back:

c. thoroacic

REF: p. 70

OBJ: Spell and pronounce terms.

- a. surpine
- b. supin

ANS: A

c. supine

	ANS: C	REF:	p. 70	OBJ:	Spell and pronounce terms.
30.	Pertaining to the aba. abdominel b. abdominal c. abdomineal	odomer	n:		
	ANS: B	REF:	p. 68	OBJ:	Spell and pronounce terms.
31.	Photograph of an in a. karyotype b. karryotype c. kariotype	ndividu	al's chromoso	omes:	
	ANS: A	REF:	p. 69	OBJ:	Spell and pronounce terms.
32.	Membrane surroun a. pleura b. ploora c. plura	ding th	e lungs:		
	ANS: A	REF:	p. 69	OBJ:	Spell and pronounce terms.
33.	Space between the a. mediastinim b. mediastinam c. mediastinum	lungs:			
	ANS: C	REF:	p. 69	OBJ:	Spell and pronounce terms.
34.	Endocrine gland at a. pitiutary b. pituitary c. pituitery	the ba	se of the brain	:	
	ANS: B	REF:	p. 69	OBJ:	Spell and pronounce terms.
35.	Pertaining to skin (a. epitheleal b. epithelial c. epithelal	surface	e) cells:		
	ANS: B	REF:	p. 69	OBJ:	Spell and pronounce terms.
	Select the correct	medic	al term to cor	nplete	the following sentences.
36.	Thee a. inferior (caudal b. distal c. proximal		ne humerus is	at the	shoulder.
	ANS: C OBJ: Learn terms r		•	positio	ns, and directions.

37.	The left lung lies to the heart. a. proximal b. lateral c. superior
	ANS: B REF: p. 52 OBJ: Learn terms related to body planes, positions, and directions.
38.	The liver lies to the intestines. a. superior b. inferior c. proximal
	ANS: A REF: p. 52 OBJ: Learn terms related to body planes, positions, and directions.
39.	The backbone is called a/an a. lateral b. superior c. vertebra
	ANS: C REF: p. 50 OBJ: Locate divisions of the back.
40.	The end of the thigh bone (femur) joins with the kneecap. a. lateral b. distal c. superior
	ANS: B REF: p. 52 OBJ: Learn terms related to body planes, positions, and directions.
41.	The plane divides the body into upper and lower portions. a. transverse b. superior c. lateral
	ANS: A REF: p. 54 OBJ: Learn terms related to body planes, positions, and directions.
42.	The plane divides the body into right and left portions. a. superior b. sagittal c. lateral
	ANS: B REF: p. 54 OBJ: Learn terms related to body planes, positions, and directions.
43.	The diaphragm lies to the organs in the thoracic cavity. a. distal b. proximal c. inferior (caudal)
	ANS: C REF: p. 52 OBJ: Identify body cavities.

Select the correct meaning for the following combining forms.

- 44. crani/o:
 - a. neck
 - b. skull
 - c. color
 - ANS: B REF: p. 56
 - OBJ: Learn word parts pertaining to the body as a whole.
- 45. cervic/o:
 - a. cartilage
 - b. tissue
 - c. neck
 - ANS: C REF: p. 56
 - OBJ: Learn word parts pertaining to the body as a whole.
- 46. sacr/o:
 - a. flesh
 - b. nipple
 - c. sacrum
 - ANS: C REF: p. 57
 - OBJ: Learn word parts pertaining to the body as a whole.
- 47. trache/o:
 - a. windpipe
 - b. throat
 - c. side
 - ANS: A REF: p. 58
 - OBJ: Learn word parts pertaining to the body as a whole.
- 48. inguin/o:
 - a. pelvis
 - b. groin
 - c. sacrum
 - ANS: B REF: p. 56
 - OBJ: Learn word parts pertaining to the body as a whole.
- 49. viscer/o:
 - a. internal organs
 - b. backbones
 - c. belly side of the body
 - ANS: A REF: p. 58
 - OBJ: Learn word parts pertaining to the body as a whole.
- 50. sarc/o:
 - a. sacrum

- b. flesh
- c. vertebra

ANS: B REF: p. 57

OBJ: Learn word parts pertaining to the body as a whole.

- 51. chondr/o:
 - a. cartilage
 - b. color
 - c. cell

ANS: A REF: p. 56

OBJ: Learn word parts pertaining to the body as a whole.

- 52. thorac/o:
 - a. nipple
 - b. windpipe
 - c. chest

ANS: C REF: p. 58

OBJ: Learn word parts pertaining to the body as a whole.

- 53. hist/o:
 - a. nucleus
 - b. tissue
 - c. far; distant

ANS: B REF: p. 56

OBJ: Learn word parts pertaining to the body as a whole.

Select the correct meaning for the following word parts.

- 54. Intra
 - a. Between
 - b. Within
 - c. Below

ANS: B REF: p. 58

OBJ: Learn word parts pertaining to the body as a whole.

- 55. inter-:
 - a. between
 - b. above
 - c. below

ANS: A REF: p. 58

OBJ: Learn word parts pertaining to the body as a whole.

- 56. hypo-:
 - a. above
 - b. between
 - c. below

ANS: C REF: p. 58

57.	ana-: a. up b. down c. below
	ANS: A REF: p. 58 OBJ: Learn word parts pertaining to the body as a whole.
58.	-ose: a. pertaining to; full of b. formation c. picture; classification
	ANS: A REF: p. 59 OBJ: Learn word parts pertaining to the body as a whole.
59.	-eal: a. pertaining to b. formation of c. bodies
	ANS: A REF: p. 59 OBJ: Learn word parts pertaining to the body as a whole.
60.	epi-: a. between b. below c. above
	ANS: C REF: p. 58 OBJ: Learn word parts pertaining to the body as a whole.
	Choose the accented syllable in the following terms (for example: anemia = ne , diagnosis = no , endocrine = en).
61.	Cephalic: a. ce b. phal c. ic
	ANS: B REF: p. 68 OBJ: Spell and pronounce terms.
62.	Posterior: a. pos b. ter c. i d. or
	ANS: B REF: p. 70 OBJ: Spell and pronounce terms.
63.	Proximal:

OBJ: Learn word parts pertaining to the body as a whole.

	a. prox b. i c. mal	REF: p. 70	OBJ:	Spell and pronounce terms.
64.	Thoracotomy: a. thor b. a c. cot d. om e. y			
	ANS: C	REF: p. 70	OBJ:	Spell and pronounce terms.
65.	Hypochondriac: a. hy b. po c. chon d. dri e. ac			
	ANS: C	REF: p. 69	OBJ:	Spell and pronounce terms.
66.	a. cra b. ni c. al			
	ANS: A	REF: p. 68	OBJ:	Spell and pronounce terms.
67.	a. ca b. tab c. ol d. ism e. sm			
	ANS: B	REF: p. 68	OBJ:	Spell and pronounce terms.
68.	Chondrosarcoma: a. chon b. dro c. sar d. co e. ma ANS: D	REF: p. 68	OBJ:	Spell and pronounce terms.
69.	Pharynx: a. phar b. ynx			

ANS: A REF: p. 69 OBJ: Spell and pronounce terms.

70. Viscera:

a. vis

b. cer

c. a

ANS: A REF: p. 70 OBJ: Spell and pronounce terms.

MATCHING

Match the terms with their correct meanings.

- a. adipose
- b. cartilage
- c. chondrosarcoma
- d. chromosomes
- e. craniotomy
- f. epithelial cells
- g. histology
- h. inguinal
- i. karyotype
- j. larynx
- k. mitochondria
- 1. pharynx
- m. pituitary gland
- n. sagittal plane
- o. thyroid gland
- p. tracheal
- q. transverse plane
- r. umbilical
- s. urethra
- t. visceral
- 1. Incision of the skull
- 2. Pertaining to the groin
- 3. Malignant tumor of connective tissue
- 4. Picture of nuclear structures
- 5. Pertaining to internal organs
- 6. Study of tissues
- 7. Secretory organ in the neck
- 8. Flexible connective tissue at joints
- 9. Divides the body horizontally
- 10. Tube from the urinary bladder to the outside of the body
- 11. Cytoplasmic structures where catabolism takes place
- 12. Throat
- 13. Divides the body laterally into right and left parts
- 14. Secretory organ at the base of the brain
- 15. Voice box
- 16. Pertaining to the navel

- 17. Pertaining to the windpipe
- 18. Pertaining to fat tissue
- 19. Lines external body surface and internal surface of organs
- 20. Rod-shaped nuclear structures

1.	ANS:	E REF:	p. 56	OBJ:	Learn the structural organization of the body.
2.	ANS:		p. 48	OBJ:	
3.	ANS:	C REF:	p. 56		
	OBJ:	Learn word parts per	taining to the b	ody as a	a whole.
4.	ANS:	I REF:	p. 56	OBJ:	Learn the structural organization of the body.
5.	ANS:	T REF:	p. 58	OBJ:	Learn the structural organization of the body.
6.	ANS:	G REF:	p. 56	OBJ:	Learn the structural organization of the body.
7.	ANS:	O REF:	p. 41	OBJ:	Learn the structural organization of the body.
8.	ANS:	B REF:	p. 41	OBJ:	Learn the structural organization of the body.
9.	ANS:	Q REF:	p. 54		
	OBJ:	Learn terms related t	o body planes,	position	ns, and directions.
10.	ANS:	S REF:	p. 41	OBJ:	Learn the structural organization of the body.
11.	ANS:	K REF:	p. 37	OBJ:	Learn the structural organization of the body.
12.	ANS:	L REF:	p. 41	OBJ:	Learn the structural organization of the body.
13.	ANS:	N REF:	p. 54		
	OBJ:	Learn terms related t	o body planes,	positior	ns, and directions.
14.	ANS:	M REF:	p. 41	OBJ:	Learn the structural organization of the body.
15.	ANS:	J REF:	p. 41	OBJ:	Learn the structural organization of the body.
16.	ANS:	R REF:	p. 48	OBJ:	Learn the structural organization of the body.
17.	ANS:	P REF:	p. 58	OBJ:	Learn the structural organization of the body.
18.	ANS:	A REF:	p. 41	OBJ:	Learn the structural organization of the body.
19.	ANS:	F REF:	p. 41	OBJ:	Learn the structural organization of the body.
20.	ANS:	D REF:	p. 35	OBJ:	Learn the structural organization of the body.

Match the parts of the body with the correct descriptions.

- a. adipose tissue
- b. cartilage
- c. larynx
- d. pharynx
- e. pleura
- f. trachea
- g. ureter
- h. urethra
- 21. Throat
- 22. Collection of fat cells
- 23. Windpipe
- 24. Tube from the kidney to the urinary bladder
- 25. Voice box
- 26. Membrane surrounding the lungs
- 27. Flexible connective tissue at joints
- 28. Tube from the urinary bladder to outside of body
- 21. ANS: D REF: p. 41 OBJ: Learn the structural organization of the body.

22.	ANS: A	REF: p. 41 OBJ:	Learn the structural organization of the body.
23.	ANS: F	REF: p. 41 OBJ:	Learn the structural organization of the body.
24.	ANS: G	REF: p. 41 OBJ:	Learn the structural organization of the body.
25.	ANS: C	REF: p. 41 OBJ:	Learn the structural organization of the body.
26.	ANS: E	REF: p. 43 OBJ:	Learn the structural organization of the body.
27.	ANS: B	REF: p. 41 OBJ:	Learn the structural organization of the body.
28.	ANS: H	REF: p. 41 OBJ:	Learn the structural organization of the body.

Match the meanings with their correct terms.

- a. backbone
- b. voice box
- c. skin cells
- d. vertical plane dividing the body into a right and a left portion
- e. throat
- f. classification of chromosomes
- g. lying on one's back
- h. muscle dividing the thoracic and abdominal cavities
- i. connective tissue at the joints
- j. lying on one's belly
- k. structures in a cell where food is burned to produce energy
- 1. building-up process in a cell; proteins are synthesized for use in the body
- 29. Karyotype
- 30. Epithelium
- 31. Cartilage
- 32. Anabolism
- 33. Diaphragm
- 34. Vertebra
- 35. Sagittal
- 36. Supine
- 37. Mitochondria
- 38. Larynx

29.	ANS:	F REF:	p. 56	OBJ:	Learn the structural organization of the body.
30.	ANS:	C REF:	p. 41	OBJ:	Learn the structural organization of the body.
31.	ANS:	I REF:	p. 41	OBJ:	Learn the structural organization of the body.
32.	ANS:	L REF:	p. 7	OBJ:	Learn the structural organization of the body.
33.	ANS:	H REF:	p. 43	OBJ:	Identify body cavities.
34.	ANS:	A REF:	p. 50	OBJ:	Learn the structural organization of the body.
35.	ANS:	D REF:	p. 54		
	OBJ:	Learn terms related t	o body planes,	position	s, and directions.
36.	ANS:	G REF:	p. 52		
	OBJ:	Learn terms related t	o body planes,	position	s, and directions.
37.	ANS:	K REF:	p. 36	OBJ:	Learn the structural organization of the body.
38.	ANS:	B REF:	p. 41	OBJ:	Learn the structural organization of the body.

OTHER

Use medical terms to complete the following sentences.

1.	The control center	of the	cell, containing chromosomes, is the
	ANS: nucleus		
	REF: p. 37	OBJ:	Learn the structural organization of the body.
2.	The process of buil	ding u	p proteins in a cell is called
	ANS: anabolism		
	REF: p. 37	OBJ:	Learn the structural organization of the body.
3.	The total of the che	mical	processes in a cell is known as
	ANS: metabolism		
	REF: p. 37	OBJ:	Learn the structural organization of the body.
4.	A scientist who stud	dies tis	ssues is called a/an
	ANS: histologist		
	REF: p. 38	OBJ:	Learn the structural organization of the body.
5.	Regions of DNA w	ithin a	chromosome are called
	ANS: genes		
	REF: p. 37	OBJ:	Learn the structural organization of the body.
6.	Region of the tailbo	one:	
	ANS: coccygeal		
	REF: p. 50	OBJ:	Locate divisions of the back.
	Name the five cavi	ities of	the body.
7.	Cavity surrounded	by the	skull:
	ANS: cranial		
	REF: p. 42	OBJ:	Identify body cavities.

8.	Cavity in the chest s	urrour	nded by ribs:
	ANS: thoracic		
	REF: p. 42	OBJ:	Identify body cavities.
9.	Cavity surrounded b	y the l	hip bone:
	ANS: pelvic		
	REF: p. 43	OBJ:	Identify body cavities.
10.	Cavity surrounded b	y the l	backbones:
	ANS: spinal		
	REF: p. 43	OBJ:	Identify body cavities.
11.	Cavity below the che	est cor	ntaining digestive organs:
	ANS: abdominal		
	REF: p. 43	OBJ:	Identify body cavities.
	Name the five divis	ions o	of the back.
12.	Region of the neck:		
	ANS: cervical		
	REF: p. 50	OBJ:	Locate divisions of the back.
13.	Region of the chest:		
	ANS: thoracic		
	REF: p. 50	OBJ:	Locate divisions of the back.
14.	Region of the waist:		
	ANS: lumbar		
	REF: p. 50	OBJ:	Locate divisions of the back.
15.	Region of the sacrun	n:	

	ANS: sacral				
	REF: p. 50	OBJ:	Locate divisions of the back.		
	Give opposites of t	he foll	lowing terms.		
16.	Deep:				
	ANS: superficial				
	REF: p. 52	OBJ:	Learn terms related to body planes, positions, and directions.		
17.	Proximal:				
	ANS: distal				
	REF: p. 52	OBJ:	Learn terms related to body planes, positions, and directions.		
18.	Supine:	_			
	ANS: prone				
	REF: p. 52	OBJ:	Learn terms related to body planes, positions, and directions.		
19.	Dorsal:	_			
	ANS: ventral anterior				
	REF: p. 52	OBJ:	Learn terms related to body planes, positions, and directions.		
	Select the term tha	ıt is sp	elled correctly and give its meaning.		
20.	A. abdomin B. abdomen A or B: meani	ng:	·		
	ANS: B, area under the chest containing the stomach, intestines, liver, and gallbladder				
	REF: p. 47	OBJ:	Learn the structural organization of the body.		
21.	A. cartiledge B. cartilage A or B: meani	ng:			

	ANS: B, flexible connective tissue between joints					
	REF: p. 41 OBJ: Learn the structural organization of the body.					
22.	A. chromosome B. chromosone A or B: meaning:					
	ANS: A, contains genetic material in nucleus of a cell					
	REF: p. 37 OBJ: Learn the structural organization of the body.					
23.	A. diaphram B. diaphragm A or B: meaning:					
	ANS: B, muscular wall separating the chest and abdomen					
	REF: p. 47 OBJ: Learn the structural organization of the body.					
24.	A. saggital B. sagittal A or B: meaning:					
	ANS: B, vertical plane dividing the body into right and left portions					
	REF: p. 54 OBJ: Learn the structural organization of the body.					
25.	A. larynx B. larnyx A or B: meaning:					
	ANS: A, voice box					
	REF: p. 41 OBJ: Learn the structural organization of the body.					
26.	A. cervecal B. cervical A or B: meaning:					
	ANS: B, pertaining to the neck					
	REF: p. 50 OBJ: Learn the structural organization of the body.					
27.	A. chrondroma					

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	B. chondroma A or B: meaning:				
	ANS: B, tumor of cartilage (benign)				
	REF: p. 56 OBJ: Learn the structural organization of the body.				
28.	A. nucleus B. neucleus A or B: meaning:				
	ANS: A, control center of the cell				
	REF: p. 37 OBJ: Learn the structural organization of the body.				
29.	A. traychea B. trachea A or B: meaning:				
	ANS: B, windpipe				
	REF: p. 41 OBJ: Learn the structural organization of the body.				