Respii	rate	ory System Test		
<b>Multip</b> l Identify		Choice choice that best completes the statement or ans	wer.	s the question.
	1.	homeostasis of body fluids?	stes	from cells throughout the body and maintains the
		<ul><li>a. pacemaker</li><li>b. kidneys</li></ul>	c. d.	heart lungs
	2.	Which of the following structures is the site of	gas	
		<ul><li>a. Bronchi</li><li>b. Alveoli</li></ul>	c. d.	Larynx Trachea
	3.	Which of the following is associated with cellu		
	٥.	a. ATP formation	c.	gas exchange in cells
		b. metabolic processes	d.	all of these
	4.	Where does air go after passing the epiglottis?		
		a. Pharynx	c. d.	Stomach
	5.	b. Larynx What controls the rate of breathing?	u.	Lungs
	٥.	a. Cerebellum	c.	Hippocampus
		b. Medulla oblongata	d.	Hypothalamus
	6.	During the process of respiration, a. carbon dioxide is expelled from the body. b. oxygen is used in cells to produce ATP. c. oxygen is delivered to body cells. d. all of these.		
	7.	Which of the following is true of breathing?		
		a. coordinated process	c.	homeostatic process
	0	b. involuntary process	d.	all of these
	8.	The first branches off the trachea are called a. alveoli.	c.	bronchi.
		b. arterioles.	d.	bronchioles.
	9.	Which of the following is the shape of the diap		
		a. dome shape	c.	circular
		b. triangular	d.	flat
1	10.	Inside the alveoli, carbon dioxide and oxygen		
		<ul><li>a. are transported along microscopic tubules.</li><li>b. are produced inside cells.</li></ul>		
		c. are exchanged between air and blood.		
		d. are exchanged for other gases.		
1	11.	What antibodies does the sample shown in Figu	ure 3	37-4 have?
_		a. A	c.	both
		b. B	d.	neither

Name: \_\_\_\_\_\_ Class: \_\_\_\_\_\_ Date: \_\_\_\_\_

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	12.	When the diaphragm contracts, the chest cavity becomes —  a. smaller, causing decreased pressure in the chest.  b. smaller, causing increased pressure in the chest.  c. larger, causing decreased pressure in the chest.  d. larger, causing increased pressure in the chest.	
	13.	Which is the correct sequence for the path of oxygen through the respiratory system?  a. nasal passages, trachea, bronchi, bronchioles, alveoli, blood, cells  b. nasal passages, bronchi, trachea, bronchioles, cells, blood, alveoli  c. nasal passages, blood, alveoli, bronchi, cells, trachea, bronchioles  d. cells, blood, alveoli, bronchioles, bronchi, trachea, nasal passages	
	14.	When you swallow, your epiglottis momentarily covers the top of the trachea so that a. you don't get food in your air passages. b. you can swallow more easily. c. you can breathe more easily. d. you can cough up foreign matter.	
True Indica		e hether the statement is true or false.	
	15.	When your diaphragm contracts, the space in the chest cavity becomes larger.	
	16.	Homeostasis in respiration is controlled by the cerebrum.	
	17.	As you exhale, the bronchioles in the lungs release most of their air.	
	18.	The respiratory system uses oxygen in the breakdown of glucose in cells in order to provide energy form of ATP.	in the
	19.	Carbon dioxide and oxygen are the waste products of cellular respiration.	
	20.	Relaxation of the diaphragm causes a slight vacuum in the lungs.	