## Question text Magnetic resonance imaging is based on the movement of Select one: a. electrons in a magnetic field. b. carbons in a magnetic field. c. protons in a magnetic field. d. cells in a magnetic field. Ouestion **7** Correct 1.75 points out of 1.75 b. lower level in riganization than acte. c. group of organs that performs specific functions. d. group of cells with similar structure and function structure that contains uestion R Ouestion 8 Correct 1.75 points out of 1.75 Flag question **Question text** The study of the external form of the body and its relationship to deeper structures is

Select one:

a. systemic anatomy.

0	b. regional anatomy.
0	c. molecular biology.
0	d. microbiology.
•	e. surface anatomy.
	Question 9
	Correct 1.75 points out of 1.75
	Flag question
	Question text
	The study of the structural features and functions of the cell is
	Select one:
•	a. cytology.
	Notes
0	b. histology.
0	c. molecular biology
0	d. microine.
0	e. surface anatomy.
	The study of the structural features and functions of the cell is  Select one:  a. cytology.  b. histology. c. molecular biologyever page 5 of 189 d. microling.  e. surface anatomy.  Question 10  Correct
	Correct 1.75 points out of 1.75
	1.75 points out of 1.75
	Flag question
	Flag question
	Question text
	Question text Which subdivision of anatomy involves the study of organs that function together?
0	Question text Which subdivision of anatomy involves the study of organs that function together? Select one:
00	Question text Which subdivision of anatomy involves the study of organs that function together? Select one: a. regional
0 0	Question text Which subdivision of anatomy involves the study of organs that function together? Select one: a. regional b. developmental
	Question text Which subdivision of anatomy involves the study of organs that function together? Select one: a. regional

Flag question

### Question text

Which of the following is not a function of the control center within a feedback mechanism?

### Select one:

- a. receives and processes information
- b. controls effectors
  - c. establishes a set point
- d. detects a change in the value of a variable

Question 18 Correct 1.75 points out of 1.75

Previous from Notesale.co.uk

Previous from 9 of 189

Questpatole

Started on	Friday, February 5, 2021, 9:58 PM
State	Finished
Completed on	Friday, February 5, 2021, 10:38 PM
Time taken	40 mins 1 sec
Grade	<b>26.25</b> out of 35.00 ( <b>75</b> %)

Question **1** Incorrect

0.00 points out of 1.75

# Preview from Notesale. Co. UK Preview from 12 of 189 Pstion text n dioxide is com

### Question text

Carbon dioxide is considered a(n)

Select one:

- a. molecule.
- b. compound.
- c. molecule and a compound.
- d. element.
- e. ion.

Question 2 Incorrect

0	d. A buffer releases acid to maintain proper pH.
	Question <b>15</b> Incorrect
	0.00 points out of 1.75
	Flag question
	Question text Which of the following is NOT true of enzymes?
	Select one:
0	a. They are catalysts that increase the rate of a reaction.
0	b. One enzyme can have many reactions.
0	c. They may need a cofactor to be functional.
0	d. The active site has a specific shape 6 match the reaction 3
•	a. They are catalysts that increase the rate of a reaction.  b. One enzyme can have many reactions.  c. They may need a cofactor to be functional.  d. The active site has a specific shape of match the reaction.  e. A slight change in San can effect function.
	Question <b>16</b> Correct
	1.75 points out of 1.75
	Flag question
	Question text
	A solution that contains one osmole of solute in one kilogram (kg) of water is called a
	Select one:
0	a. 1% solution.
0	b. 1 molar solution.

0	c. 10% solution.
•	d. 1 osmolal solution.
0	e. None of these choices are correct.
	Question <b>17</b> Correct
	1.75 points out of 1.75
	Flag question
	Question text  Normal pH for blood is 7.35 to 7.45. Maintenance of the pH in this rapsets.  Select one:  a. critical because enzymes work best within him wranges of the pH in this rapsets.
	Notesa.
•	tow from 22 of 189
0	b. not with Cecause extreme of the solon affect enzyme function.
0	c. called denaturation.
0	d. not required.
0	e. None of these choices is correct.
	Question <b>18</b> Correct
	1.75 points out of 1.75
	Flag question
	Question text
	Which of the following lists includes only monosaccharides that are isomers of one another?

Select one:

0	d. a substance that conducts electricity when placed in solution.
0	e. an alteration in the three-dimensional structure of a protein.
	Question <b>5</b> Correct
	1.75 points out of 1.75
	Flag question
	Question text The smallest particle of an element that still exhibits the chemical characteristics of that element is a(n)
	Select one:
0	a. electron.
•	Select one:  a. electron.  b. atom.  c. chemical bendiew page 27 of 189  d. orbital.  e. proton.
0	c chemical bendie
	Previo page
	d. orbital.
0	e. proton.
	Question <b>6</b> Correct
	1.75 points out of 1.75
	Flog guestion
	Flag question
	Question text If the ratio of products and reactants are stable, the system is in
	Select one:

	Question text Molecules that form when electrons are shared unequally between atoms are called Select one:
0	a. salt molecules.
•	b. polar molecules.
0	c. nonpolar molecules.
0	d. lopsided molecules.
0	e. None of these choices are correct.
	Question <b>11</b> Incorrect
	0.00 points out of 1.75
	Flag tues of 189
	Questive the following statements best describes RNA?
0	Question 189  Question 30 of 189  Question 200  Which of the following statements best describes RNA?  Select one:  a. RNA is found outside a cell.
0	
0 0	a. RNA is found outside a cell.
0 0	a. RNA is found outside a cell.  b. RNA contains the base thymine.

Question **12** Correct

1.75 points out of 1.75

Arrange the following in correct sequence: (1) protein moves through ER and then carried in vesicles to Golgi apparatus (2) vesicle pinches off from the Golgi apparatus and carries product to plasma membrane (3) Golgi apparatus modifies protein and then packages them into vesicles (4) protein made by ribosomes on rough ER Select one: a. 1. 2. 3. 4 b. 4, 1, 3, 2 c. 2. 3. 1. 4 d. 3, 2, 4, 1 Preview from Notesale.co.uk

Preview from 42 of 189

Stion text

unication e. 4, 3, 2, 1 Question **9** Correct 1.75 points out of 1.75 Question text Communication between cells occurs when chemical messengers from one cell bind to on another cell. Select one: a. channel proteins b. receptor proteins c. marker molecules

Question **10**Correct

e. integrins

d. second messengers

	1.75 points out of 1.75  Flag question
	Question text  Ion movement across the plasma membrane creates an electrical charge difference known as
	Select one:
•	a. membrane potential
0	la contra de llorla relocación de
	b. extracellular glycocalyx
0	c. respiration
0	d transcription
	d. transcription
	Question 11
	b. extracellular glycocalyx  c. respiration  d. transcription  Question 11 Correct  1.75 points out of 1.75 leW page 43 of 189  Flag question
	Question text
	When a person trains for running long distances, which of the following organelles increase in his/her muscles?
	Select one:
0	
	a. rough endoplasmic reticulum
0	b. enzymes for glycolysis
0	c. basal bodies
0	d. lysosomes

Flag question

### Question text



Answer these questions about chromosome structure. What does "D" represent? Select one:

- a. chromatid
- b. proteins
- c. chromosome
- d. centromere

$\overline{}$	e. chromatin
	Question <b>19</b> Correct
	1.75 points out of 1.75
	Flag question
	Question text
	Chromatin condenses and nucleoli disappear during
	Select one:
0	a interphase
_	a. interphase.
•	b. prophase.
	tosale.
0	c. metaphase.
0	c. metaphase.
0	c. metaphase. d. anaphase.  To More 189  d. anaphase.
0	c. metaphase.  d. anaphase.  e. telo Page.
0	c. metaphase. d. anaphase. e. telo Pase.  Question 20 Correct
0	c. metaphase. d. anaphase. e. telo prase.  Question 20 Correct  1.75 points out of 1.75
0	a. interphase.  b. prophase.  c. metaphase. d. anaphase. e. telo Pase.  Question 20 Correct  1.75 points out of 1.75
0	c. metaphase. d. anaphase. e. telo Page Page  Question 20 Correct  1.75 points out of 1.75
0 0 0	c. metaphase. d. anaphase. e. telo rase. Question 20 Correct 1.75 points out of 1.75
0 0 0	
	Flag question
	Flag question  Question text
	Flag question
	Flag question  Question text  The sequence of nucleotides in a messenger RNA molecule is needed to determine the
	Flag question  Question text  The sequence of nucleotides in a messenger RNA molecule is needed to determine the sequence of

	Genes on the X chromosomes are
	Select one:
0	a. polygenic.
•	b. X-linked.
0	c. simple.
0	d. holandric.
0	e. Y-linked.
	Question <b>6</b> Correct
	1.75 points out of 1.75
	1.75 points out of 1.75  Flag question  Question texte  Which of the cillowing generate to be sult in a male?  Select one:  a. XO  b. XX
	Locale.
	Notes
	Flag question 6.00
	Question textel
	Which o the collewing gencine with esult in a male?
	Select one:
0	a. XO
•	b. XY
0	c. XX
0	d. XXX
0	e. YY
	Question <b>7</b> Correct
	1.75 points out of 1.75

Question 17 Correct 1.75 points out of 1.75  Flag question  Question text What type of epithelial tissue is found in the mouth? Select one:  a. simple cuboidal epithelium b. simple columnar epithelium c. stratified squamous epithelium c. stratified squamous epithelium e. transitional epithelium  Question 18 Correct 1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one:		
Flag question  Question text What type of epithelial tissue is found in the mouth?  Select one:  a. simple cuboidal epithelium  b. simple columnar epithelium  c. stratified squamous epithelium  d. pseudopteriori cultilated current schelium  e. transitional epithelium  Ouestion 18  Correct  1.75 points out of 1.75  Flag question  Question text  An example of a gap junction is  Select one:  a. a desmosome.	•	e. simple squamous epithelium.
Flag question  Question text What type of epithelial tissue is found in the mouth? Select one:  a. simple cuboidal epithelium b. simple columnar epithelium c. stratified squamous epithelium d. pserporteribli ciliated processor in the stratified squamous epithelium e. transitional epithelium  Question 18 Correct 1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one: a. a desmosome.		Correct
Question text What type of epithelial tissue is found in the mouth? Select one:  a. simple cuboidal epithelium b. simple columnar epithelium c. stratified squamous epithelium d. psetoptic idea ciliated columnar in the mouth?  d. psetoptic idea ciliated columnar in the mouth?  e. transitional epithelium  Question 18 Correct 1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one: a. a desmosome.		1.75 points out of 1.75
What type of epithelial tissue is found in the mouth?  Select one:  a. simple cuboidal epithelium  b. simple columnar epithelium  c. stratified squamous epithelium  d. psepartheried ciliated equalities thelium  e. transitional epithelium  Question 18  Correct  1.75 points out of 1.75  Flag question  Question text  An example of a gap junction is  Select one:  a. a desmosome.		Flag question
Question 18 Correct  1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one:  a. a desmosome.		What type of epithelial tissue is found in the mouth?
Question 18 Correct  1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one:  a. a desmosome.	0	a. simple cuboidal epithelium
Question 18 Correct  1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one:  a. a desmosome.	0	b. simple columnar epithelium
Question 18 Correct  1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one:  a. a desmosome.	•	c. stratified squamous epithelium
Question 18 Correct  1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one:  a. a desmosome.	0	d. pseup tricofied ciliated estura (i) so the lium
Question 18 Correct  1.75 points out of 1.75  Flag question  Question text An example of a gap junction is Select one:  a. a desmosome.	0	e. transitional epithelium
Flag question  Question text An example of a gap junction is Select one:  a. a desmosome.		Question <b>18</b>
Question text An example of a gap junction is Select one:  a. a desmosome.		1.75 points out of 1.75
Question text An example of a gap junction is Select one:  a. a desmosome.		
Question text An example of a gap junction is Select one:  a. a desmosome.		
An example of a gap junction is  Select one:  a. a desmosome.		Flag question
a. a desmosome.		
a. a desinosome.		Select one:
b. an adhesion belt.	0	a. a desmosome.
	0	b. an adhesion belt.

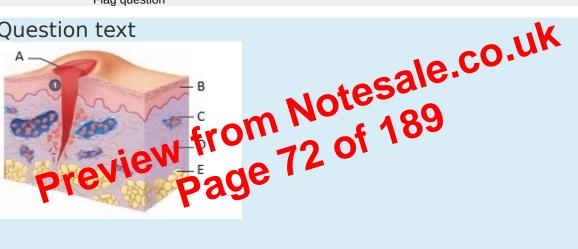
- c. a striation.
- d. an intercalated disk.
- e. goblet cell.

Question 19 Correct

1.75 points out of 1.75

Flag question

### Question text



This is a picture of a skin wound. What does "C" represent?

Select one:

- a. dermis
- b. subcutaneous fat
- c. epidermis
- d. blood vessel
- e. blood clot

Question 20

- b. dendrite
  - c. cell body of neuron
- d. axon
- e. neuroglia cells

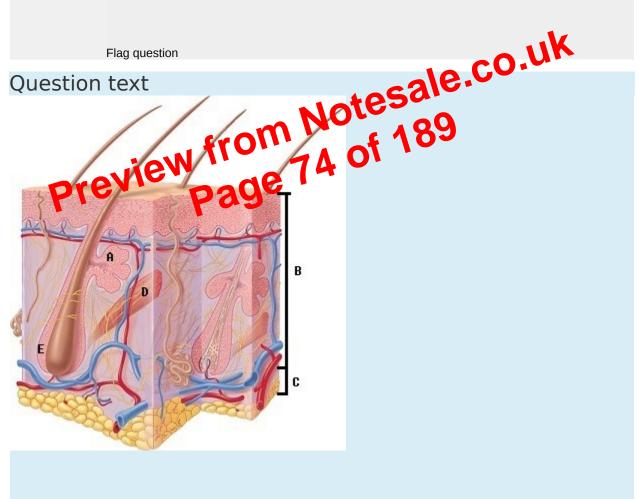
Started on Monday, March 1, 2021, 5:58 PM State Finished

Completed on	Monday, March 1, 2021, 6:23 PM
Time taken	24 mins 50 secs
Grade	<b>31.50</b> out of 35.00 ( <b>90</b> %)

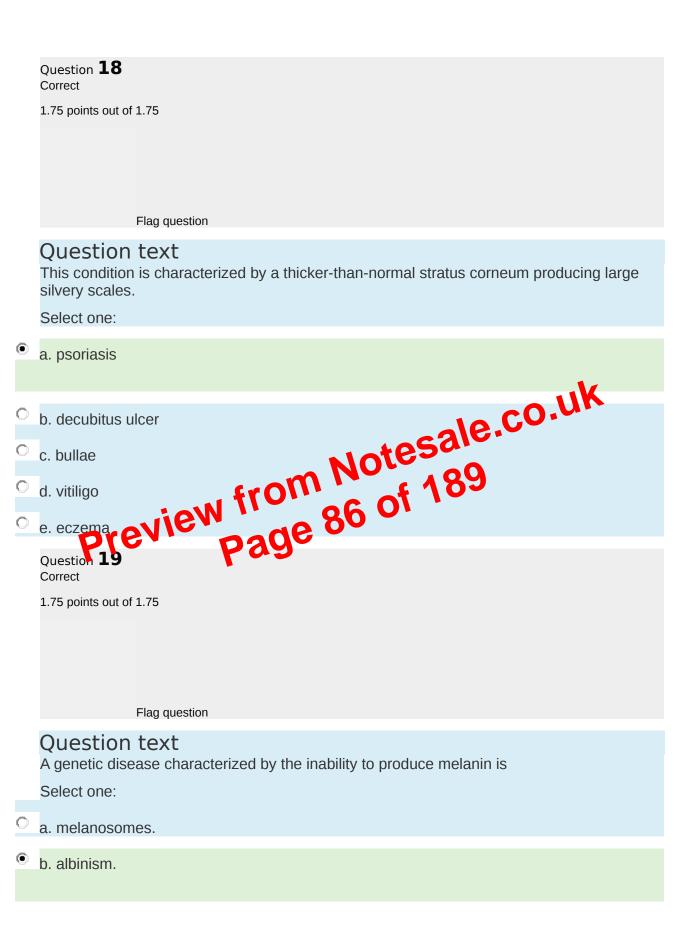
Question **1** Correct

1.75 points out of 1.75

Flag question



What does structure "A" represent on the diagram?

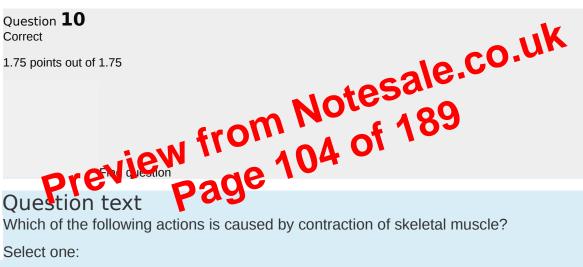


Why does muscle activity affect the temperature of the body? Select one:

- a. The rate of chemical reactions increases in muscle fibers during contraction, so the rate of heat production also increases.
- b. Muscle contraction generates pyrogens which reset the body's internal thermostat to a higher temperature.
- c. Muscle activity directs more warm blood to the muscles away from the central core causing a cooling effect on your internal organs.
- d. Increased muscle activity causes a rise in adipose stores which increases the insulation value of the body.

Question **10** Correct

1.75 points out of 1.75



Which of the following actions is caused by contraction of skeletal muscle?

Select one:

- a. contraction of the heart
- b. moving your feet in walking
- c. movement of food through the digestive tract
- d. emptying of the urinary bladder
- e. vasoconstriction

Question 11 Correct

1.75 points out of 1.75

Flag question

### Question text

The muscle that is used to cross the legs is the

Select one:

- a. sartorius.
- b. gastrocnemius.
- c. vastus lateralis.
- d. gluteus maximus.
  - e. biceps femoris.

Ouestion 20

Incorrect

0.00 points out of 1.75

# Preview from Notesale.co.uk Preview from Notesale.co.uk Preview from Notesale.co.uk Preview from Notesale.co.uk Question Notesale.co.uk Preview from Notesale.co.uk Preview from Notesale.co.uk

The term "shin splints" is associated with

Select one:

- a. injuries resulting from excessive stress on the tibialis anterior.
- b. stress fractures of the fibula 2 to 5 cm distal to the knee.
- c. posterior compartment syndrome.
- d. injuries resulting from excessive stress on the tibialis posterior.
- e. RICE.

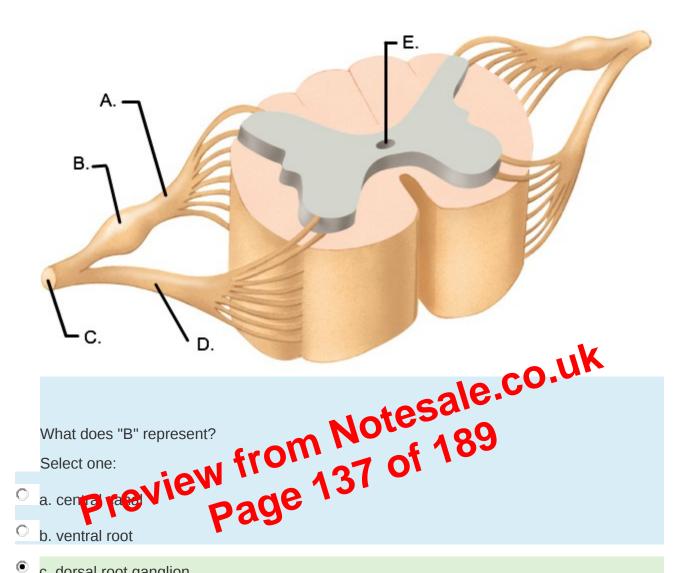
Started on Monday, March 8, 2021, 7:18 PM

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	Identify structure "B" on the neuron.
	Select one:
0	a. Schwann cell
0	b. Node of Ranvier
•	c. neuron cell body (soma)
0	d. dendrites
0	e. axon
	Question 9 Correct  1.75 points out of 1.75  Question text  Multiple sclerosis is a neurological disorder in which myelin sheaths in the CNS are destroyed. Which of the following neuroglial cells is being damaged in multiple sclerosis?  Select one:
	a. astrocyte
0	b. microglial cell
•	c. oligodendrocyte
0	d. ependymal cell
0	e. Schwann cells
	Question <b>10</b> Correct
	1.75 points out of 1.75

	Flag question
	Question text Which of the following statements regarding neuroglia is false? Select one:
0	a. Neuroglia serve as the major supporting tissue in the CNS.
0	b. Neuroglia form part of the blood-brain barrier.
•	c. Neuroglia produce action potentials for skeletal muscles.
0	d. Neuroglia form myelin sheaths around some axons.
0	e. Neuroglia produce cerebrospinal fluid.
	d. Neuroglia form myelin sheaths around some axons.  e. Neuroglia produce cerebrospinal fluid.  Question 11 Correct  1.75 points out of 1.75 point
	Question text Groups of related nerve cell bodies located outside of the central nervous system are called Select one:
•	a. ganglia
0	b. plexus
0	c. tracts
0	d. nerves

	Select one:
0	a. astrocytes
0	b. microglial cells
0	c. oligodendrocytes
0	d. macrophages
•	e. ependymal cells
	Question <b>18</b> Correct
	1.75 points out of 1.75
	Flag question  Question text Cell bodies of the periodetal riervous systemate located in Selection Cell bodies.  a. ganglia.
	i stesale.co
	Flag question NO 1 2 9
	Cell bodies of the period had rervous systemer located in
	Selector Page
•	a. ganglia.
0	b. Schwann cells.
0	
0	b. Schwann cells.
	<ul><li>b. Schwann cells.</li><li>c. the motor division.</li></ul>
0	<ul><li>b. Schwann cells.</li><li>c. the motor division.</li><li>d. the sensory division.</li></ul>
0	<ul> <li>b. Schwann cells.</li> <li>c. the motor division.</li> <li>d. the sensory division.</li> <li>e. nerves.</li> </ul> Question 19



What does "B" represent?

## Select one: a. centra tak b. ventral root

- c. dorsal root ganglion
- d. spinal nerve
- e. dorsal root

Question 4 Correct

1.75 points out of 1.75

Flag question

	What does "C" represent?
	Select one:
0	a. spinal nerves
•	b. conus medullaris
0	c. cervical enlargement
0	d. filium terminale
0	e. cauda equina
	Question <b>5</b> Correct
	1.75 points out of 1.75
	Question 5 Correct  1.75 points out of 1.75  Preview From Notes ale. Co. UK  Question text  Question text
	Questión text

	Select one:
•	a. reticular formation
0	b. diencephalon
0	c. limbic system
0	d. hypothalamus
0	e. basal nuclei
	Question <b>14</b> Correct
	Correct  1.75 points out of 1.75  Flag question from Notesale. Co.uk  Questivetaxt The mammillary bodies  Select one:  a. influence breast milk production.
	Questivetext The mammillary bodies Select one:
0	a. influence breast milk production.
0	b. produce reproductive hormones.
•	c. are involved in emotional responses to odors.
0	d. are found in the thalamus.
0	e. influence the onset of puberty.
	Question <b>15</b> Correct  1.75 points out of 1.75

What are the group of loosely packed nuclei within the length of the brainstem called that are involved in cyclic activities such as sleep-wake cycles?

	Correct
	Correct 1.75 points out of 1.75
	Flag question
	Question text
	Tracts of white matter that connect the right and left hemispheres are composed of
	Select one:
0	a. decussation fibers.
0	b. association fibers.
•	c. commissural fibers.
	is co.uk
0	c. commissural fibers.  d. projection fibers.  e. pyramidal fibers.  Question 18   Page 148   Page 1.75
	NOTE 189
	e. pyramidal fibers.
	Question 18 Incorrect Control of the
	0.00 points out of 1.75
	Flag question
	Question text
	What is the function of the arachnoid granulations?
	Select one:
0	a. Reabsorb CSF into the blood of the dural sinuses
•	b. Drain the CSF from the arachnoid mater
0	c. Transfer CSF to the cerebral aqueducts

	Question 19 Correct
	1.75 points out of 1.75
	Flag question
	Question text In the CNS, clusters of gray matter containing cell bodies are called
	Select one:
•	a. nuclei.
0	h pyramide
	b. pyramius.
O	c. tracts.
0	d. peduncles.
0	e. ganglia.
	b. pyramids. c. tracts. d. peduncles. e. ganglia. Questil Proevier Page 1.75 points out of 1.75
	1.75 points out of 1.75
	Flag question
	Question text
	Which of the following brain areas serves as the major control center of the autonomic nervous system and endocrine system?
	Select one:

- a. hypothalamus
- b. midbrain

	Flag question
	Question text In order for a molecule to be detected by the olfactory neurons, it must
	Select one:
0	a. be present in high concentrations.
0	b. be one of the seven primary classes of odors.
•	c. be dissolved in fluid covering the olfactory epithelium.
0	d. interact with the mechanoreceptors of the olfactory hair membrane.  e. enter the nose slowly.
	d. interact with the mechanoreceptors of the olfactory hair membrane.  e. enter the nose slowly.  Question 9 Correct  1.75 points out of 1.75 PAGE 166 OF 189  Flag question
	Question text Rhodopsin is found in the
	Select one:
•	a. rods.
0	b. cones.
0	c. choroid.
0	d. pigmented retina.
0	e. amacrine cells.

Question <b>17</b> Correct
1.75 points out of 1.75
Flag question
Question text More sound volume is perceived when
Select one:
a. sound wave amplitude increases.
b. action potentials from hair cells are blocked.
c. sound wave amplitude decreases.
d. sound wave frequency decreases.
e. sound wave frequent/vincreases.
<ul> <li>b. action potentials from hair cells are blocked.</li> <li>c. sound wave amplitude decreases.</li> <li>d. sound wave frequency decreases.</li> <li>e. sound wave frequency hereases.</li> <li>Questic 186</li> <li>Correct</li> <li>1.75 points out of 1.75</li> </ul>
1.75 points out of 1.75
Flag question
Question text
The ability of the olfactory system to adapt to a particular odor may involve
Select one:
a. sensitivity of the olfactory cortex.
b. an increase in the sensitivity at the receptor sites.
c. neurons from the medial olfactory area stimulating mitral cells and tufted cells.

0	b. preganglionic parasympathetic
•	c. postganglionic sympathetic
0	d. postganglionic parasympathetic
0	e. postganglionic somatic motor
	Question <b>7</b> Correct
	1.75 points out of 1.75
	Flag question
0	Question text  Parasympathetic preganglionic axons from the sacrabe gip of the spinal cord course through nerves that innervate the  Select one:  a. splanchnic txihar bladder and arbenal glands
	ble. Dade
•	b. pelvic; lower colon and eproductive glands
0	c. sacral; lower colon and urinary bladder
0	d. lumbar; stomach and intestines
0	e. coccygeal; anus and vagina
	Question <b>8</b> Correct
	1.75 points out of 1.75
	Flag question