

A&P 15

Autonomic

Nervous System

MCQ

Author: OpenStax College

Published 2014

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4. Chapter: A&P 15 Autonomic Nervous System MCQ

1. A&P 15 Autonomic Nervous System MCQ Questions

4.1.1. Which of these physiological changes would not be considered part o...

Author: OpenStax College

Which of these physiological changes would not be considered part of the sympathetic fight-or-flight response?

Please choose only one answer:

- increased heart rate
- increased sweating
- dilated pupils
- increased stomach motility

Check the answer of this question online at QuizOver.com:

Question: [Which of these physiological changes would OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-these-physiological-changes-would-openstax-college-anatomy?pdf=1505>

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4.1.2. Which type of fiber could be considered the longest?

Author: OpenStax College

Which type of fiber could be considered the longest?

Please choose only one answer:

- preganglionic parasympathetic
- preganglionic sympathetic
- postganglionic parasympathetic
- postganglionic sympathetic

Check the answer of this question online at QuizOver.com:

Question: [Which type of fiber could be considered OpenStax College Anatomy](#)

Flashcards:

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Interactive Question:

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4.1.3. Which signaling molecule is most likely responsible for an increase...

Author: OpenStax College

Which signaling molecule is most likely responsible for an increase in digestive activity?

Please choose only one answer:

- epinephrine
- norepinephrine
- acetylcholine
- adrenaline

Check the answer of this question online at QuizOver.com:

Question: [Which signaling molecule is most likely OpenStax College Anatomy](#)

Flashcards:

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4.1.4. Which of these cranial nerves contains preganglionic parasympatheti...

Author: OpenStax College

Which of these cranial nerves contains preganglionic parasympathetic fibers?

Please choose only one answer:

- optic, CN II
- facial, CN VII
- trigeminal, CN V
- hypoglossal, CN XII

Check the answer of this question online at QuizOver.com:

Question: [Which of these cranial nerves contains OpenStax College Anatomy Quest](#)

Flashcards:

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4.1.5. Which of the following is not a target of a sympathetic preganglion...

Author: OpenStax College

Which of the following is not a target of a sympathetic preganglionic fiber?

Please choose only one answer:

- intermural ganglion
- collateral ganglion
- adrenal gland
- chain ganglion

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is not a target of OpenStax College Anatomy](#)

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4.1.6. Which of the following represents a sensory input that is not part ...

Author: OpenStax College

Which of the following represents a sensory input that is not part of both the somatic and autonomic systems?

Please choose only one answer:

- vision
- taste
- baroreception
- proprioception

Check the answer of this question online at QuizOver.com:

Question: [Which of the following represents a sensory OpenStax College Anatomy](#)

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4.1.7. What is the term for a reflex that does not include a CNS component?

Author: OpenStax College

What is the term for a reflex that does not include a CNS component?

Please choose only one answer:

- long reflex
- visceral reflex
- somatic reflex
- short reflex

Check the answer of this question online at QuizOver.com:

Question: [What is the term for a reflex that does OpenStax College Anatomy](#)

Flashcards:

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4.1.8. What neurotransmitter will result in constriction of the pupil?

Author: OpenStax College

What neurotransmitter will result in constriction of the pupil?

Please choose only one answer:

- norepinephrine
- acetylcholine
- epinephrine
- serotonin

Check the answer of this question online at QuizOver.com:

Question: [What neurotransmitter will result in OpenStax College Anatomy Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/what-neurotransmitter-will-result-in-openstax-college-anatomy-quest?pdf=1505>

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4.1.9. What gland produces a secretion that causes fight-orflight response...

Author: OpenStax College

What gland produces a secretion that causes fight-orflight responses in effectors?

Please choose only one answer:

- adrenal medulla
- salivatory gland
- reproductive gland
- thymus

Check the answer of this question online at QuizOver.com:

Question: [What gland produces a secretion that causes OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/what-gland-produces-a-secretion-that-causes-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.10. Which of the following is an incorrect pairing?

Author: OpenStax College

Which of the following is an incorrect pairing?

Please choose only one answer:

- norepinephrine dilates the pupil
- epinephrine increases blood pressure
- acetylcholine decreases digestion
- norepinephrine increases heart rate

Check the answer of this question online at QuizOver.com:

Question: [Which of the following is an incorrect OpenStax College Anatomy Quest](#)

Flashcards:

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Interactive Question:

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4.1.11. Which of these locations in the forebrain is the master control cen...

Author: OpenStax College

Which of these locations in the forebrain is the master control center for homeostasis through the autonomic and endocrine systems?

Please choose only one answer:

- hypothalamus
- thalamus
- amygdala
- cerebral cortex

Check the answer of this question online at QuizOver.com:

Question: [Which of these locations in the forebrain OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-these-locations-in-the-forebrain-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.12. Which nerve projects to the hypothalamus to indicate the level of I...

Author: OpenStax College

Which nerve projects to the hypothalamus to indicate the level of light stimuli in the retina?

Please choose only one answer:

- glossopharyngeal
- oculomotor
- optic
- vagus

Check the answer of this question online at QuizOver.com:

Question: [Which nerve projects to the hypothalamus OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/which-nerve-projects-to-the-hypothalamus-openstax-college-anatomy?pdf=1505>

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4.1.13. What region of the limbic lobe is responsible for generating stress...

Author: OpenStax College

What region of the limbic lobe is responsible for generating stress responses via the hypothalamus?

Please choose only one answer:

- hippocampus
- amygdala
- mammillary bodies
- prefrontal cortex

Check the answer of this question online at QuizOver.com:

Question: [What region of the limbic lobe is responsible OpenStax College Anatomy](#)

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4.1.14. What is another name for the preganglionic sympathetic fibers that ...

Author: OpenStax College

What is another name for the preganglionic sympathetic fibers that project to the heart?

Please choose only one answer:

- solitary tract
- vasomotor nerve
- vagus nerve
- cardiac accelerator nerve

Check the answer of this question online at QuizOver.com:

Question: [What is another name for the preganglionic OpenStax College Anatomy](#)

Flashcards:

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Interactive Question:

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4.1.15. What central fiber tract connects forebrain and brain stem structur...

Author: OpenStax College

What central fiber tract connects forebrain and brain stem structures with the hypothalamus?

Please choose only one answer:

- cardiac accelerator nerve
- medial forebrain bundle
- dorsal longitudinal fasciculus
- corticospinal tract

Check the answer of this question online at QuizOver.com:

Question: [What central fiber tract connects forebrain OpenStax College Anatomy](#)

Flashcards:

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4.1.16. A drug that affects both divisions of the autonomic system is going...

Author: OpenStax College

A drug that affects both divisions of the autonomic system is going to bind to, or block, which type of neurotransmitter receptor?

Please choose only one answer:

- nicotinic
- muscarinic
- α -adrenergic
- β -adrenergic

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [A drug that affects both divisions of the OpenStax College Anatomy](#)

Flashcards:

<http://www.quizover.com/flashcards/a-drug-that-affects-both-divisions-of-the-openstax-college-anatomy?pdf=1505>

Interactive Question:

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4.1.17. A drug is called an agonist if it _____.

Author: OpenStax College

A drug is called an agonist if it _____.

Please choose only one answer:

- blocks a receptor
- interferes with neurotransmitter reuptake
- acts like the endogenous neurotransmitter by binding to its receptor
- blocks the voltage-gated calcium ion channel

Check the answer of this question online at QuizOver.com:

Question: [A drug is called an agonist if it . OpenStax College Anatomy Quest](#)

Flashcards:

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Interactive Question:

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4.1.18. Which type of drug would be an antidote to atropine poisoning?

Author: OpenStax College

Which type of drug would be an antidote to atropine poisoning?

Please choose only one answer:

- nicotinic agonist
- anticholinergic
- muscarinic agonist
- a-blocker

Check the answer of this question online at QuizOver.com:

Question: [Which type of drug would be an antidote OpenStax College Anatomy](#)

Flashcards:

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4.1.19. Which kind of drug would have anti-anxiety effects?

Author: OpenStax College

Which kind of drug would have anti-anxiety effects?

Please choose only one answer:

- nicotinic agonist
- anticholinergic
- muscarinic agonist
- a-blocker

Check the answer of this question online at QuizOver.com:

Question: [Which kind of drug would have anti-anxiety OpenStax College Anatomy](#)

Flashcards:

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4.1.20. Which type of drug could be used to treat asthma by opening airways...

Author: OpenStax College

Which type of drug could be used to treat asthma by opening airways wider?

Please choose only one answer:

- sympatholytic drug
- sympathomimetic drug
- anticholinergic drug
- parasympathomimetic drug

Check the answer of this question online at QuizOver.com:

Question: [Which type of drug could be used to treat OpenStax College Anatomy](#)

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