Dent Janu	al Pharmacology Quiz #2 ary 26, 2004 Name Onec	ted
	U	(Please Print)
of the	- J I D	
Select	t the single, most appropriate answer. (All questions of equal v	* s
	down wer. (An questions of equal v	alue)
1. Be	ethanechol is LEAST likely to Charles	
A.	or the bladder	, F
В.	Increase gastrointestinal motility	
C.		
D. E.		
L.	Slow the heart T	D ' .
2. Atı	opine is most likely to	1
	ANTI-(A)	
A.	Cause bradycardia dry	
B.	Relax skeletal muscle	T g
Ø.	Produce mydriasis and cycloplegia Wat	
D.	Produce bronchonstriction Olive	W/ 0
E/	Stimulate salivary secretions	×
3. Parl	kinsonism is best treated by	
N		, ,
B. C. D.	Increasing acetylcholine levels in the central nervous system	
6.	and casing accivicing levels in the plasma	
(C.)	increasing dopamine levels in the central named and	
B.	more daining department of the control of the contr	
<i>y</i> .	booleasing dopaining and increasing acetyloholing land	
	the central nervous system	
4. d-Tu	bocurare acts at the neuromuscular junction by	
A.	Releasing excessive amounts of acetylcholine	
B.	Preventing glycine release	
Ø.	Producing a depolarizing block of the nicotinic receptor SUCC	
D.	Binding irreversibly to the nicotinic receptor	1 - 2 - c-
E.	Diliding reversibly to the picotinia	
	30-60 minute block pur should be sho	t
	30-60 minute block non Opologia,	<u> </u>
	07JH 5 de 30-60	
	(TURN OVER)	

B1+B2 propromulul blocker

5. All of the following statements apply to propranolol EXCEPT:

(A) Is the drug of choice in the treatment of bronchial asthma

B. Is used in the prophylactic management of angina pectoris.

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C. Possesses high lipid solubility

D. Is used for the prophylactic management of migraine headache

E. Is a competive antagonist of β -adrenergic receptors

B blocker

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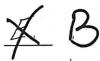
Dental Pharmacology Quiz #2 January 24, 2005



	(Please Print)
Name	

Select the single, most appropriate answer. (All questions of equal value)

- 1. Stimulation of muscarinic receptors will produce all of the following effects **EXCEPT**:
 - A. Miosis
 - B. Constipation
 - C. Decreased heart rate
 - D. Bronchoconstriction
 - (E) Increased salivary secretion



- 2. Your pharmacology laboratory has received a compound for testing. Initial experimentation with the compound yields the following observations: It causes contraction of the radial muscle of the iris constriction of the arterioles of the skin and mucosa, and hyperglycemia. You would classify this compound as a (an)
 - A. Beta-1 adrenergic blocker
 - B. Alpha adrenergic agonist
 - C. Muscarinic agonist
 - D. Alpha adrenergic antagonist
 - E. Beta-3 adrenergic blocker



- 3. Identify the pure non-depolarizing drug that produces no release of histamine and has minimal effect on the cardiovascular system?
 - A. Benzoquinonium
 - B. Metocurine
 - C. d-Tubocurarine
 - D. Vecuronium
 - E. Succinylcholine

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- 4. Identify one drug from the list that can produce Parkinson-like symptoms?
 - A. Trihexyphenidyl
 - B. Bromocriptine
 - C. Benztropine
 - D. Selegiline
 - E. Haloperidol

XE

(TURN OVER)

Dental Pharmacology #2 January 24, 2005

- Dilation of the pupil can be achieved by: 5.
 - A.
 - Blockade of nicotinic receptors of the iris Blockade of dopaminergic receptors of the iris B.
 - C.

 - Activation of alpha-1 adrenergic receptors of the iris Activation of nicotinic receptors of the iris Activation of beta-2 adrenergic receptor of the iris



Select the single, most appropriate answer. (All questions of equal value)

- 1. A 45-year-old patient has been using pilocarpine for the past 3 months. The effects of pilocarpine are most likely to include solved on
 - A. A reduction in intraocular pressure
 A reduction in salivary secretion
 - C. Constipation×
 - D. Skeletal muscle contractions
 - E. Bronchodilation X

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 MIGGIS
- 2. Norepinephrine is the neurotransmitter released from which of the following nerves?
 - A. Sympathetic preganglionic nerves ×
 - B. Parasympathetic preganglionic nerves ×
 - C. Sympathetic postganglionic nerves to the heart
 - D. Sympathetic postganglionic nerves to the sweat gland ×
 - E. Somatic nerves to the skeletal muscle
- 3. Identify the <u>pure non-depolarizing</u> neuromuscular blocker that produces no release of <u>histamine</u> and has minimal effect on the cardiovascular system?
 - A. Benzoquinonium
 - B. Metocurine
 - C. D-tubocurarine
 - D Vecuronium
 - E. Succinýlcholine

4. Parkinsonism is best treated by

- A. Increasing acetylcholine levels in the striatum
- B. Increasing acetylcholine levels in the plasma
- C. Increasing dopamine levels in the striatum
- D. Increasing dopamine decarboxylase activity in the plasma
- E. Both decreasing dopamine and increasing acetylcholine levels in the striatum

(Turn Over)

Which one of the following is most likely to be responsible for amphetamine-induced increases in blood pressure? 7BP

Beta-2 adrenergic receptor agonism
Metabolism to false neurochemical transmitters
Stimulation of GABA receptors while tory
Inhibition of catecholamine metabolism
Indirect release of endogenous catecholamines B.

C.