



Past papers

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Done by : Bushra faisal, Elaf khalid sqoor
Corrected by : Adam diab

2012

(1) Which of the following drugs causes a slight increase in systolic blood pressure and a decrease in diastolic pressure ?

- (A) Bethanechol
- (B) Epinephrine
- (C) Isoproterenol
- (D) Methacholine

(2) one of the following is a prodrug , that is enzymatically hydrolyzed to metabolites used to treat orthostatic hypotension :

- (A) Phenylephrine
- (B) Methoxamine
- (C) Midodrine
- (D) Clonidine

(3) Which of the following drugs is an α -agonist used for sedation of intubated patients ?

- (A) Dexmedetomidine
- (B) Guanfacine
- (C) Methyldopa
- (D) Oxymetazoline

(4) which one of the following drugs is used mainly for cardiac shock?

- (A) Isoproterenol
- (B) Phentolamine
- (C) Yohimbine
- (D) Dobutamine

(5) which one of the following drugs is a beta agonist drug used to suppress premature labor ?

- (A) salbutamol
- (B) Isoproterenol
- (C) ritodrine
- (D) Amphetamine

(6) Which one of the following drugs is a psychostimulant that increases interstitial norepinephrine and dopamine , while decreasing (GABA) levels ?

- (A) Methylphenidate
- (B) Modafinil
- (C) Amphetamine
- (D) Atropine

(7) Which one of the following drugs is used to treat cardiac block ?

- (A) albuterol
- (B) isoproterenol
- (C) methoxamine
- (D) oxymetazoline

(8) one of the following drugs decreases the intraocular pressure :

- (A) Atropine
- (B) Apraclonidine
- (C) Albuterol
- (D) terbutaline

(9) Which one of the following drugs may cause severe tachycardia and arrhythmia (as side effects)?

- (A) atenolol
- (B) propranolol
- (C) yohimbine
- (D) phentolamine

(10) Which one of the following drugs is a nonselective beta blocker used in treating hypertension and congestive heart failure?

- (A) bisoprolol
- (B) Carvedilol
- (C) Metoprolol
- (D) Atenolol

(11) Which one of the following drugs is a ganglionic blocker that was developed to improve absorption from the GIT ?

- (A) Tetraethylammonium
- (B) Hexamethonium
- (C) Mecamylamine
- (D) Trimethaphan

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11
C	C	A	D	C	B	B	B	D	B	C

2013

(1) dry mouth, sandy eyes, hallucinations, tachycardia, cycloplegia are signs of poisoning with which of the following drugs?

- (A) Atropine
- (B) Cocaine
- (C) parathion
- (D) malathion

(2) Which one of the following drugs is contraindicated for glaucoma ?

- (A) epinephrine
- (B) Bethanechol
- (C) tropicamide
- (D) Timolol

(3) the following statement is wrong about ephedrine :

- (A) Displaces stored catecholamines from nerve endings
- (B) inhibits catecholamine release
- (C) Sometimes used for narcolepsy
- (D) may causes hypertension

(4) which of the following is common between epinephrine and norepinephrine:

- (A) both have the same effect on β_2 receptors
- (B) both increase diastolic and systolic blood pressure
- (C) both increase systolic blood pressure
- (D) both increase diastolic blood pressure

(5) which one of the following is less marked for prazosin than phentolamine?

- (A) selectivity of for the postsynaptic α -receptor
- (B) effectiveness in treating Orthostatic hypotension
- (C) reflex tachycardia
- (D) duration of action

(6) Which one of the following drugs is used to improve perfusion to the kidney in situations of oliguria ?

- (A) epinephrine
- (B) dobutamin
- (C) dopamine
- (D) norepinephrine

(7) Which one of the following drugs is used in the case of difficult breathing and narrow airways ?

- (A) albuterol
- (B) Dobutamine
- (C) Amphetamine
- (D) Cocaine

(8) Which one of the following is a nonspecific beta blocker ?

- (A) bisoprolol
- (B) Nebivolol
- (C) propranolol
- (D) Esmolol

(9) Which one of the following is wrong about carvedilol ?

- (A) have combined α - and β -blocking actions
- (B) used to treat Hypertension
- (C) used to treat acute heart failure
- (D) can be given orally

(10) one of the following is not a pharmaceutical action of beta blockers :

- (A) bronchodilation
- (B) decreasing cardiac output
- (C) decreasing contractility
- (D) local anesthetic action

(11) Which one of the following drugs is an ultra short acting beta blocker ?

- (A) Esmolol
- (B) Bisoprolol
- (C) Nepivolol
- (D) Metoprolol

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11
A.	C.	B.	C.	C.	C.	A.	C.	C.	A.	A

(1) Which one of the following is not affected by the compensatory baroreflex activation :

- A. The inotropic action
- B. The chronotropic action
- C. The positive dromotropic action
- D. The cardiac output
- E. The refractory period

(2) High IV infusion rate of dopamine may cause all the following effects; EXCEPT

- A. Vasodilation of renal vessels
- B. Vasoconstriction effect
- C. Positive dromotropic effect
- D. Positive chronotropic effect
- E. Positive Inotropic effect

(3) The drug used to produce sedation in initially intubated and mechanically ventilated-patients during treatment in an intensive care setting, is :

- A. Clonidine
- B. Guanfacine
- C. Dexmedetomidine
- D. Atomoxetine
- E. Oxymetazoline

(4) the D1-receptor agonist used in the IV treatment of severe hypertension is:

- A. Terbutaline
- B. Dobutamine
- C. Methyldopa
- D. Methoxamine
- E. Fenoldopam

(5) When taken in large doses, one of the following vasoconstrictor drugs, may cause hypotension, because of a central clonidine -like effect. The drug is:

- A. Methoxamine
- B. Guanfacine
- C. Oxymetazoline
- D. Phenylephrine
- E. Pseudoephedrine

(6) A nonselective beta blocker/alpha-1 blocker and a calcium channel blocker, is:

- A. Labetalol
- B. Carvedilol
- C. Nebivolol
- D. Bisoprolol
- E. Metoprolol

(7) Which of these drug prevent of premature labor

- A. Ritodrine
- B. Terbutalin
- C. salbutanol

(8) which of these muscles Contains only cholinergic receptors :

- A. cardiac muscles
- B. ciliary muscles
- C. smooth muscles

(9) Which one of the following drugs has been used extensively in patients with thyroid storm ?

- A.Timolol
- B.Propranolol
- C.Mecamylamin

(10) the drug that used for the treatment of narcolepsy is:

- A. Methamphetamine
- B. Methylphenidate
- C. Tyramine
- D. Modafinil

(11) which one of the following is Occasionally used in the treatment ofhypertensive emergencies and in producing hypotension in neurosurgery to reduce bleeding in the operative field :

- A.Tetraethylammonium
- B. Mecamylamine
- C. Trimethaphan
- D. Decamethonium

(12) The beta blocker with the least effect on carbohydrate metabolism, is:

- A. Sotalol
- B. Timolol
- C. Propranolol
- D. Nebivolol

(13) The beta blocker that is not expected to cause an acute increase in total peripheral resistance is:

- A. Propranolol
- B. Atenolol
- C. Labetalol
- D. Bisoprolol

(14) The beta blocker that is less likely to cause bradycardia, is :

- A. Pindolol
- B. Carvedilol
- C. Timolol
- D. Sotalol

(15) The rate limiting step in the biosynthesis of NE is the:

- A. transport of tyrosine across the neuronal membrane
- B. hydroxylation of tyrosine
- C. decarboxylation of DOPA
- D. hydroxylation of DOPA into dopamine

(16) The muscarinic receptors on airway passages that promote bronchoconstriction are :

- A. M1 receptors
- B. M2 receptors
- C. M3 receptors
- D. M4 receptors

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.
A.	A.	C.	E.	C.	B.	A.	B.	B.	D.	C.	D.	C.	C.	B.	C