

1) What is the main mechanism of action of thiazide diuretics in lowering blood pressure?<sup>1</sup>

- A) Depleting body sodium stores
- B) Blocking calcium channels
- C) Inhibiting angiotensin II
- D) Reducing cardiac output

2) What is the most common adverse effect of thiazide diuretics?

- A) Hyperkalemia
- B) Hyperuricemia
- C) Hyperglycemia
- D) Hyperthyroidism

3) What is the effect of dietary sodium intake on the response to thiazide diuretics?

- A) It increases the efficacy of thiazide diuretics
- B) It decreases the efficacy of thiazide diuretics
- C) It has no effect on the efficacy of thiazide diuretics
- D) It depends on the dose of thiazide diuretics

4) the drug that causes feedback inhibition of norepinephrine release and is useful for long term control of blood pressure ?

- A) Aliskiren
- B) Methyldopa
- C) Clonidine
- D) Diazoxide

5) What is the name of the drug that has the narrowest therapeutic effect and can cause arrhythmia when combined with thiazide diuretics?

- A) Digoxin
- B) Nitroprusside
- C) Hydralazine
- D) Minoxidil

6) What is the name of the drug that relaxes smooth muscle and is used for hypertensive emergencies?

- a. A) Digoxin
- b. B) Nitroprusside
- c. C) Hydralazine
- d. D) Minoxidil

7) What is the name of the drug that opens potassium channels and can cause hypertrichosis (excessive hair growth)?

- A) Digoxin
- B) Nitroprusside
- C) Hydralazine
- D) Minoxidil.

8) What is the name of the drug that blocks the calcium channels in the heart and blood vessels and can cause peripheral edema?

- A) Verapamil
- B) Diltiazem
- C) Nifedipine
- D) All of the above

9) the drug that blocks the beta receptors in the heart and can cause bradycardia and bronchoconstriction?

- A) Propranolol
- B) Metoprolol
- C) Atenolol
- D) All of the above

10) the drug that blocks the alpha receptors in the blood vessels and can cause orthostatic hypotension and nasal congestion?

- A) Prazosin
- B) Terazosin
- C) Doxazosin
- D) All of the above

Answers :

1) A

2) B 3) B 4) C 5) A 6) B 7) B (8,9,10) D

