

WEEK 2: The Cardiovascular System Quiz

Student's Name

Institutional Affiliation

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Sample Quiz Questions and Answers

(Note: The correct answers are underlined)

Quiz Questions

1. **Which of the following drugs is a first-line treatment for hypertension?**
 - A. Furosemide
 - B. Lisinopril
 - C. Digoxin
 - D. Nitroglycerin

2. **Beta-blockers are contraindicated in patients with which of the following conditions?**
 - A. Hypertension
 - B. Asthma
 - C. Myocardial infarction
 - D. Heart failure

3. **Which of the following medications is primarily used for the management of angina pectoris?**
 - A. Atorvastatin
 - B. Metoprolol
 - C. Nitroglycerin
 - D. Clopidogrel

4. **What is the mechanism of action of ACE inhibitors?**
 - A. They block the angiotensin II receptors.

- B. They inhibit the conversion of angiotensin I to angiotensin II.
 - C. They block beta-adrenergic receptors.
 - D. They inhibit calcium channels.
5. **Which of the following drugs is most likely to cause a dry cough as a side effect?**
- A. Amlodipine
 - B. Lisinopril
 - C. Losartan
 - D. Atenolol
6. **Statins are primarily used to:**
- A. Lower blood pressure
 - B. Reduce cholesterol levels
 - C. Treat arrhythmias
 - D. Manage diabetes
7. **Which anticoagulant requires regular monitoring of INR levels?**
- A. Dabigatran
 - B. Apixaban
 - C. Warfarin
 - D. Rivaroxaban
8. **Calcium channel blockers are most effective in treating which of the following conditions?**
- A. Hyperlipidemia
 - B. Hypertension
 - C. Diabetes

- D. Asthma
9. **Which of the following medications is used as a thrombolytic agent in the treatment of acute myocardial infarction?**
- A. Heparin
 - B. Aspirin
 - C. Alteplase
 - D. Clopidogrel
10. **Which of the following is a common side effect of diuretics?**
- A. Hypotension
 - B. Hyperkalemia
 - C. Hypertension
 - D. Hyperglycemia