

## Pharmacology NURS 251 Module 3 Exam

- 1. Classify the following blood pressure value- 155-95mm/Hg.: Stage 2 hypertension**
- 2. True or False. Hypertension is often asymptomatic.: True**
- 3. Match the Blood Pressure with the correct classification.**
  - 110/75 mm/Hg
  - 125/75mm/Hg
  - 135/85mm/Hg
  - 170/110mm/Hg: 110/75 mm/Hg = Normotensive  
125/75mm/Hg = Elevated BP  
135/85mm/Hg = Stage 1  
170/110mm/Hg = Stage 2
- 4. True or False: Essential Hypertension is when the cause of a patient's hypertension is unknown.: True**
- 5. What is the name of the artery that blood flow must be temporarily cut off from when taking a patient's blood pressure?: Brachial artery**

6. List the two main physiologic factors that determine a patient's Cardiac output.: heart rate (bpm)  
stroke volume (vol. pumped per min)

7. Increased blood pressure causes an overall increase in peripheral resistance\_\_\_\_\_A\_\_\_\_\_the blood supply to the kidney. As a result, the kidney releases an enzyme called\_\_\_\_\_B\_\_\_\_\_ultimately leading to further vasoconstriction and a further increase in\_\_\_\_\_C\_\_\_\_\_.: A. Inhibiting  
B. Renin  
C. Blood Pressure

8. What blood pressure reading would warrant the consideration of drug therapy in a 45 year-old-man with no other health conditions?: anything >140/90 mm/Hg

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9. True or False: Beta Blockers are first line for the treatment of hypertension.-  
: False

10. Name the drug class that works to lower blood pressure by stimulating receptors in the brain: Alpha agonists

11. True or False: Beta Blockers' site of action is in the heart.: True

12. Angiotensin ö Angiotensin I ö Angiotensin II. Renin  
2. Angiotensin Converting Enzyme