

Roll No

PY-605 (GS)**B.Pharmacy VI Semester**

Examination, May 2018

Grading System (GS)**Pharmacology - III***Time : Three Hours**Maximum Marks : 70*

- Note:* i) Attempt any five questions.
ii) All questions carry equal marks.

1. What is angina pectoris? Discuss various forms of angina. Classify antianginal drugs and highlight how nitrates function to control angina.
2. Give importance of renin-angiotensin system in the maintenance of homeostasis. Give mechanism of action, uses and toxicity of any one ACE inhibitor.
3. Explain the factors contributing for development of arrhythmia. Give an exhaustive note on pharmacology of antiarrhythmic drugs.
4. What is type II diabetes? Explain the pharmacology of oral hypoglycemic agents.
5. Give classification of anti-thyroid drugs. Explain the pharmacological effect of T₄ on human being.

6. Describe pathophysiology of erectile dysfunction. Explain pharmacology of sildenafil.
7. Explain various drugs used as oxytocics. Enlist various effects of prostaglandins on the uterine muscles. What is the role of Diethyl stilbestrol in hormonal replacement therapy?
8. Write short notes on (any two) :
 - a) Hypolipidemic drugs
 - b) Plasma expanders
 - c) Cardiac glycosides
 - d) Drugs affecting calcium balance
