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Roll No .....

PY-605 (GS)

B.Pharmacy VI Semester Examination, June 2020

Grading System (GS)

Pharmacology - III

Time : Three Hours

Maximum Marks : 70

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

1. Classify tocolytic drugs. Describe mechanism of action, uses and side effects of ritodrine.

2. Enlist hormones secreted by hypothalamus and pituitary gland and describe their principal functions.

3. Classify oral hypoglycemic agents. Explain pharmacology of sulfonylurea class.

4. Give importance of renin-angiotensin system in the maintenance of homeostasis. Give mechanism of action, uses and toxicity of any one ACE inhibitor.

5. What is arrhythmia? Write in brief the pathophysiology of arrhythmia and explain in detail the pharmacology of amiodarone.

6. a) Give the pathophysiology of diabetes.
   b) Classify oral antidiabetic drugs and explain the pharmacology of insulin.

7. a) Describe the pathophysiology of hyperlipidaemia.
   b) Explain the clinical uses of warfarin and vitamin B_{12}.

   OR

   Give an Exhaustive note on drugs affecting thyroid balance.

8. Write short notes on any two of the following:
   a) α - Methyldopa
   b) Esmolol
   c) Plasma expanders
   d) Urokinase

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