

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation
Pharmaceutical Chemistry Semester - V
End Term Examination, December, 2016
(PC 513) Pharmacology-1

Time: 2 hrs

Date: 21/12/2016

Maximum marks: 50

Q.1 Answer all questions. Each question carries 1 mark.

(9*1=9Marks)

(OBJECTIVE QUESTIONS)

1. Write a difference between competitive & non-competitive antagonist.
2. Define: pharmacology
3. What is Intrinsic Activity?
4. Enlist the factor affecting biotransformation. Any three.
5. Write a uses Pharyngeal Demulscents.
6. Define Affinity.
7. Write Advantage of Sublingual Route.
8. Define Receptor.
9. Write Pharmacological action of Kitotifen.
10. Write side effect of Atropine.

Q. 2 Answer any 5 questions. Each question carries 4 marks.

(5*4=20Marks)

(SHORT QUESTIONS)

1. Classify Drug which are used Asthma.
2. Give difference between d-Tubocurarine & Succinylcholine system.
3. Write a note on Plasma protein Binding.
4. Classify Sympatholytics & write a note on β -blockers.
5. Name of drug which are Anti tussive & write Pharmacological action, Adverse effect & indications
6. Define Absorption of Drug & Write a factor affecting Absorption.

Q.3 Answer any 3 question. Each question carries 7 marks.

(3*7=21Marks)

(DESCRIPTIVE QUESTIONS)

1. Classify Sympathomimetic & discuss mechanism of action, pharmacological action of Adrenaline.
2. Write a pathophysiology of Asthma.
3. Define Adverse Drug reaction. Write type of Adverse Drug reaction.
4. Classify Parasympathomimetic & explain mechanism of action, pharmacological action of Acetylcholine..