

**Pramukh Swami Science & H.D. Patel Arts College, Kadi**  
**Bachelor of Vocation Pharmaceutical Chemistry Semester- V**  
**End term Examination, December 2018**  
**(PC 513) Pharmacology-1**

**Time: 2 hours**

**12/12/2018**

**Total Marks: 50**

**Que-1. Answer any 9 questions. Each question carries 1 mark**

**[9]**

- 1) Define: pharmacology
- 2) Write a symptom of Asthama
- 3) Enlist Branch of Pharmacology.
- 4) Drug absorption is affected by
  - a) solubility and ionization
  - b) Particle size
  - c) Molecular weight
  - d) All of the above.
- 5) Define Chemotherapy.
- 6) Full form of GPCR is \_\_\_\_\_
- 7) Write side effect of Atropine.
- 8) \_\_\_\_\_ drugs which prevent mast cell degranulation. (Cromolyn Sodium, Vasaka)
- 9) . Match the following.

Drug	Pharmacological Class
(1) Atropine	(a) Mucolytic
(2) Tubocurarine	(b) Parasympatholytic
(3) Acetylcysteine	(c) NMJ blocker
(4) Salbutamol	(d) Sympathomimetic

- 10) \_\_\_\_\_ Drug is Expectorant. ( Ammonium Chloride, Codeine)

**Que.2. Answer any five questions. Each question carries 4marks**

**[20]**

- 1) Explain pathophysiology of Bronchial Asthama,
- 2) Give Classification of Route of Administration & Explain parenteral route.
- 3). Explain Factor Affecting Drug Metabolism.
- 4) Describe Pharmacology.
- 5) Brief on pharmacokinetics
- 6) Classify Drugs used in Cough.

**Que.3. Answer any 3 questions. Each question carries 7 marks**

**[21]**

- 1) Write a note on Endothelin.
- 2) Write note a methyl xanthin.
- 3) Explain pathophysiology. Classify Drug which are used Asthma.
- 4) What is preclinical trial & explain it.

Que.2. Answer

1) Write a note

2) Write note a

3) Explain patho

4) What is pre