

**Hemchandracharya North Gujarat University, Patan**  
**Bachelor of Vocation**  
**Pharmaceutical Chemistry Semester - V**  
**End Term Examination, December, 2016**  
**(PC-511) (Medicinal Chemistry-II)**

Time: 2 hrs

Date: 19/12/2016

Maximum marks: 50

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

**(9\*1=9 Marks)**

1. Cholesterol and coprastone are isomer of each other (True/False)
2. Divinyal ether were Used \_\_\_\_\_ agent  
(a) Anesthesia (b) hypnotic Agent (c) anticonvulsant (d) none of this
3. Phenobatnitone is sedative drug (True/false)
4. Estrone is \_\_\_\_\_ hormone.
5. What is the full form of GABA?
6. Epilepsy is brain disorder (True/false)
7. What is CVS Agents?
8. Barbiturates are derivatives of \_\_\_\_\_  
(a) Malonic acid (b) urea (c) both a and b (d) phenol
9. What is antileptics drug?
10. Amitriptyline is \_\_\_\_\_ class of Drug.  
(a) Diuretics (b) anticonvulsant drug (c) antidepressants (d) Anti arrhythmic drugs

**Q. 2 answer any 5 questions. Each question carries 4 marks.**

**(5\*4=20Marks)**

1. Explained the functions of Bile Acid.
2. Classification of hormones.
3. Synthesis of procaine and thiopentone sodium

4. Synthesis of chlorpromazine and diazepam
5. Short Note on osmotic diuretics
6. What is antihypertensive drug? Synthesis of nitroglycerine

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

**(3\*7=21Marks)**

1. What is a steroid? Prove the constitution of Cholesterol
2. Introduction of anticonvulsant drug and Discussed the SAR of anticonvulsant drug.
3. Define Antipsychotics, antidepressants and Diuretics, synthesis of bendrofluzide
4. Discussed anti arrhythmic drugs, mechanism of action, side effects and synthesis of propranolol.