

Pramukh Swami Science & H.D. Patel Arts College, Kadi

Bachelor of Vocation Pharmaceutical Chemistry Semester-V

Mid Sem Examination, November- 2016,

(PC 511) Medicinal Chemistry II

Time: 2 hours

08/11/2016

Total Marks: 60

Que-1. Answer any 12 questions. Each question carries 1 mark [12]

1. The IUPAC name for diel's hydrocarbon is
 - a) 3'methyl-1,2-cyclopentenophenanthrene
 - b) 3 ethyl-1,2-cyclopentenophenanthrene
 - c) 3 methyl-1,2-cyclopentenophenanthrene
 - d) all of these
2. Cholesterol and coprastone are isomer of each other (True/False)
3. Ethyl Chloride were Used _____ agent
 - (a) Anesthesia (b) hycnotic Agent (c) anticonvulsant (d) none of this
4. Soporific drug are facilitate the normalization of _____
 - (a)Heart rate (b) Sleep (c) body pain (d) cancer
5. Succinamides is anticonvulsant drug (True/false)
6. Ultra short acting Barbiturates act on _____ time
 - (a) 8-6 hr (b) 4-6 hr (c)10-30 min (d)50-60 min
7. Give the name of male sex hormone
8. Estrone is _____ hormone

9. What is the full form of GABA?

10. D. B Are Present in Cholesterol at which number of carbon?

11. Epilepsy is brain disorder (True/false)

12. What is sapogenins?

13. Barbiturates are derivatives of _____

(a) Malonic acid (b) urea (c) both a and b (d) phenol

Que.2. Answer any five questions. Each question carries 4marks [20]

1. Explained the functions of Bile Acid.
2. Classification of hormones.
3. What is the product of steroids after the heating with Se metal?
4. Discuss the Chemistry of Progesterone
5. Synthesis of phenytoin sodium
6. Short note on barbiturates
7. Synthesis of ketamine and cyclopropane

Que.3. Answer any four questions. Each question carries 7 marks [28]

1. Discusses the Chemistry of Cholesterone
2. What is Bile Acid ? Discussed the Constitution
3. What is Hormones? Synthesis of Testosterone
4. Discussed the SAR of local anesthetics agent and sedative Drug
5. What is anticonvulsant drug? Synthesis of Phenobarbital
6. Synthesis of procaine and lidocaine