

Pramukh Swami Science & H.D. Patel Arts College, Kadi
Bachelor of Vocation Pharmaceutical Chemistry Semester-V
Internal Examination, November -2018,
(PC-511) Medicinal Chemistry-II

Time: 2 hours

15/11/2018

Total Marks: 60

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

1. Example of Steroids.
2. Give the name of male sex hormone
3. Estrone is _____ hormone
4. What is the full form of GABA?
5. Side chain Are Present in Cholesterol at which number of carbon?
(a) C_{11} (b) C_{15} (c) C_{17} (d) C_{14}
6. CNS depressant(s):
(a) Paraldehyde
(b) pentobarbital (Nembutal)
(c) lorazepam (Ativan)
(d) A, B & C
7. Benzodizepine action is associated with this neurotransmitter system:
(a) Adrenergic
(b) Glycine
(c) Glutamate
(d) GABA
8. Clinically used in treating grand mal seizures:
(a) Phenobarbital
(b) Carbamazepine
(c) Phenytoin
(d) A,B & C
9. Which of the following general anesthetics belongs to inhalants?
(a) Thiopental
(b) Desfluran
(c) Ketamine
(d) Propofol

10. Which of the following general anesthetics belongs to inhalants?

- (e) Thiopental
- (f) Desfluran
- (g) Ketamine
- (h) Propofol

11. The intravenous anesthetic, which produces dissociative anesthesia is:

- (a) Midazolam
- (b) Ketamine
- (c) Fentanyl
- (d) Thiopental

12. Which one of the following local anesthetics is an ester of benzoic acid?

- (a) Lidocaine
- (b) Procaine
- (c) Ropivacaine
- (d) Cocaine

13. Full form of SAR.

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

[20]

1. Explained the functions of Bile Acid.
2. Discuss the Chemistry of Aldosterone.
3. Synthesis of Saponins.
4. Synthesis of Progesterone.
5. Explain synthesis of Phenobarbital.
6. Discuss types of general anesthetics.
7. Explain synthesis of Ketamine.

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

1. Discusses the Chemistry of Cholesterol.
2. What are Steroids? Explain the classification.
3. What is Hormones? Classification of hormones.
4. Write anticonvulsant drugs and classification of epilepsy.
5. Explain general anesthesia and write stages of general anesthetics.