



Seat No.	
-----------------	--

**B.Pharmacy (Semester – VII) (CGPA) Examination, 2018
MEDICINAL CHEMISTRY – III**

Day and Date : Monday, 17-12-2018

Total Marks : 70

Time : 10.30 a.m. to 1.30 p.m.

1. MCQ :**15**

- 1) Theophylline is used as _____ agent.
 - a) CNS stimulant
 - b) CNS depressant
 - c) Analgesic
 - d) Anticonvulsant

- 2) Which of the following proton pump inhibitor ?
 - a) Ranitidine
 - b) Omeprazole
 - c) Procainamide
 - d) All of above

- 3) Testosterone, estrogen and progestin contain _____ carbon in their nucleus.
 - a) 19, 21, 18
 - b) 21, 18, 19
 - c) 19, 18, 21
 - d) 18, 19, 21

- 4) The probenacid is used as _____ agent.
 - a) Oral contraceptive
 - b) Antiulcer
 - c) Sedative
 - d) Antigout

- 5) Piroxicam contain _____ nucleus.
 - a) 1,2 benzothiazine
 - b) Purine
 - c) Indole
 - d) Pyrazolidine

- 6) Fluoxymestrone is modification of _____
 - a) Testosterone
 - b) Estrone
 - c) Progesterone
 - d) None



2. Answer **any 5** : **25**

- 1) Classify NSAID drug and explain MOA and SAR of salicylic acid derivative.
- 2) Note on ACTH drugs.
- 3) Classify CNS stimulant drug and explain MOA and SAR of central sympathomimetic drugs.
- 4) Classify anticonvulsant drug and explain SAR of hydantoin.
- 5) Explain MOA and SAR development up to first morphine antagonistic drug.
- 6) What are androgens and discuss SAR of it.

3. Answer **any 3** : **30**

- 1) Classify Hypnotic and Sedative drug and explain MOA and SAR of long acting barbiturate.
 - 2) Classify antihistaminic drug and explain development of H₂ antagonistic drugs.
 - 3) Classify psychotherapeutic agents and explain MOA and SAR of MAO inhibitor.
 - 4) Explain stereochemistry and nomenclature of steroid and note on female sex hormone.
-