

XU-108

D/ME-02012139

**Second Year M.B.B.S. New Examination
January-2015**

Pharmacology : Paper – II

**Faculty Code : D/ME
Subject Code : 02012139**

Time : 3 Hours]

[Total Marks : 40

- Instructions :** (1) Write answers of each section in separate answer book.
(2) Write legibly and precisely.

SECTION – I

1. Write any **one** of the following : **8**
- (a) Classify anti thyroid drugs. Describe mechanism of action of each group. Describe pharmacotherapy of thyroid storm.
 - (b) Enumerate various contraceptive methods. Describe mechanism of action, adverse effects and interactions of combined oral contraceptive.
2. Write short notes on any **two** : **6**
- (a) Inhaled asthma medication.
 - (b) Pharmacological basis of use of methylergometrine for treatment of post partum haemorrhage.
 - (c) Mucolytics.
3. Write answer of **all** of the following : **6**
- (a) Why withdrawal of corticosteroid after long term use should be gradual ?
 - (b) Enumerate insulin analogue with advantage of any one.
 - (c) Enumerate four contraindication of sumatriptan.
 - (d) Drug of choice with dose and mode of administration for induction of labour.
 - (e) Name one anti-estrogen. Write one use of it.
 - (f) Name two first generation antihistaminics with its use in two condition.

SECTION – II

4. Write any **one** of the following : **8**
- (a) Describe mechanism of action, spectrum of activity, uses and adverse effects of erythromycin.
 - (b) Classify Antimalarial drugs according its action on different stages of parasite. Write pharmacotherapy of severe and complicated falciparum malaria.
5. Write short notes on any **two** : **6**
- (a) Metoclopramide
 - (b) Metronidazole
 - (c) Omeprazole
6. Write answer of **all** of the following : **6**
- (a) Write drug of choice with dose and mode of administration for treatment of ascaris lumbricoides.
 - (b) What is Jerish-Herxheimer reaction ?
 - (c) Write four advantages of antacid combination.
 - (d) Measures to prevent drug resistance.
 - (e) Define vaccine. Give two example of live vaccine.
 - (f) Write first line regimen as per NACO guideline for untreated patient of AIDS.
-