

# 2019 Scheme

Q.P. Code: 212001

Reg. no.: .....

## Second Professional MBBS Degree Supplementary Examinations July 2023

### Pharmacology - Paper II

(GIT, Hormones, Antibiotics, Chemotherapy and Miscellaneous)

Time: 3 Hours

Total Marks: 100

- Answer all questions to the point neatly and legibly. Do not leave any blank pages between answers
- Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together. Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

#### Long Essays

(2x15=30)

- (a) Enumerate the various groups of Anti-thyroid Drugs used in clinical practice. Describe the mechanism of action and adverse effects of any one of these groups. Describe briefly the management of Thyroid Storm.  
(b) Human insulin. (4+2+4+5)
- Ritu, 40-year-old female with complaints of high fever with chills. On asking, she revealed dysuria, urgency etc. A diagnosis of Acute lower urinary tract infection was made.  
(a) Outline the management.  
(b) Prescribe suitably for a 24 weeks pregnant Rema, 21year for Acute Lower urinary tract infection.  
(c) Describe Urinary Antiseptics.  
(d) Name one urinary analgesic without any antibacterial property. (6+6+2+1)

(5x8=40)

#### Short essays

- (a) Describe the uses and adverse effects of Ceftriaxone.  
(b) Discuss the toxicity of Anticancer drugs and ways to manage the same (4+4)
- (a) Enumerate the drugs used in the management of peptic ulcer. Describe Triple Drug Regimen in the drug treatment of H. Pylori Infection.  
(b) Ondansetron. (4+4)
- (a) Discuss the adverse effects of Oral contraceptives.  
(b) Describe the mechanism of action, adverse effects and Uses of Cyclosporine. (4+4)
- (a) Discuss the uses of Glucocorticoids.  
(b) Describe the rationale in Combining antimicrobial agents in clinical practice. (4+4)
- (a) Discuss the First Line Drugs used in Leprosy with dosage.  
(b) Discuss the management of Invasive intestinal Amoebiasis. (4+4)

(5x4=20)

#### Short answers

- Pharmacological basis for the use of Tamoxifen in Carcinoma Breast.
- Pharmacological basis for the use of Benzathine Penicillin in Rheumatic fever prophylaxis.
- Pharmacological basis for the use of Fenofibrate in Hyperlipidemia.
- Pharmacological basis for the use of Zidovudine in HIV.
- Management of Hospital Acquired Infections.

#### Choose the Appropriate Drug and Justify:

(2x1=2)

- Oxytocin / Ergometrine for Induction of Labour.
- Metoclopramide / Domperidone for vomiting in a Parkinsonism patient on Levo Dopa.

#### Name the following (Two examples for each) :

(8x1=8)

- Antioestrogens.
- Prokinetic agents.
- Topical antifungal agents.
- Drugs for treating Lead poisoning.
- Long acting Insulin analogs
- Drugs to treat Influenza.
- Drugs to treat Filariasis.
- Drugs for treating Malaria.

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