



DBI-02012139

Seat No. _____

Second Year M. B. B. S. Examination

May - 2022

Pharmacology : Paper - II

(Old Course)

Time : 2 Hours]

[Total Marks : 40

- Instructions :** (1) Write answer to each section in separate answer books.
(2) Legible and precise answer will be appreciated.

SECTION- I

- 1** Answer any **one** of the following: **8**
- (a) Classify Glucorticoides. Write the Therapeutic uses and adverse effects of glucocorticoides.
 - (b) Classify H1 antihistaminics. Write therapeutic uses and adverse effects of first generation antihistaminics.
- 2** Write any **two** of the following: **6**
- (a) Sumatriptan
 - (b) Metformin
 - (c) Salbutamol
- 3** Answer in brief: **6**
- (a) Pharmacological basis of combining estrogen and progesterone in oral-contraceptive pills (OCP).
 - (b) Write two uses of bromocriptine.
 - (c) Pharmacological basis of finasteride in benign hypertrophy of prostate (BHP).
 - (d) Mention two selective estrogen receptor modulators (SERM) and its two uses.
 - (e) Pharmacological basis of ergometrine in post-partum haemorrhage.
 - (f) Name two antitussive with its uses.

SECTION - II

- 1 Answer anyone of the following: 8
- (a) Classify antitubercular drugs . Write mechanism of action and adverse effects of isoniazide (INH).
 - (b) Classify laxatives/purgatives. Write uses and adverse effects of laxatives/purgatives.
- 2 Write on any two of the following: 6
- (a) Nucleoside reverse transcriptase inhibitors (NRTIs)
 - (b) Omeprazole
 - (c) Metoclopramide
- 3 Answer in brief: 6
- (a) Name four 3rd generation cephalosporins.
 - (b) Write four adverse effects of aminoglycosides.
 - (c) Pharmacological basis of combining amoxicillin with clavulanic acid.
 - (d) Pharmacological basis of Artemisinin Combination Therapy (ACT) for falciparum-malaria.
 - (e) Name two disinfectants with its two uses.
 - (f) Write one anti-H. pylori regimen.
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