

DZ-4012

Second Year M.B.B.S. Examination

June / July - 2016

Pharmacology: Paper-II

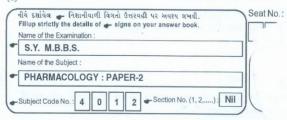
Time: 2 Hours]

[Total Marks

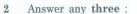


Instructions:

(1)



- (2) Answers must be brief, precise and to the point.
- Always give suitable examples and draw figures where necessary.
- 1 Answer very briefly:
- Name two pure μ opioid receptor antagonists. Name two pure μ opioid receptor antagonists.
- Which β blocker is contraindicated in migraine prophylaxis?
- Name two uses of neomycin with different routes of administration.
- Name four drugs used in MRSA.
 - (e) Give two reasons for using propranolol in thyrotoxicosis.
- Mention two agents used for operation theatre sterilization.
- Enumerate the names of four tocolytics and their clinical uses
- Name two phosphodiesterase inhibitors with one use of each.
- Mention two agents used for mass prophylaxis to prevent filariasis.



- (a) Enlist various sedatives and hypnotics from different categories. Give comparative aspects of benzodiazepines and barbiturates pointwise.
- Describe briefly the pharmacological basis of corticosteroids as anti-inflammatory and antiallergic. Enumerate the adverse effects and contraindications of glucocorticoids.
- Enumerate various NSAIDs. Write the uses of aspirin with pharmacological basis.
- What is recrudescence in relation with malaria? Write drug therapy for severe and complicated P. Falciparum Malaria.

Answer any four :

DZ-4012]

- (a) Describe briefly therapeutic uses and adverse effects of oral contraceptive pills.
- Write a short note on second generation fluoroquinolones
- Discuss critically about various factors affecting depth of anaesthesia.
- What is DOTS-plus programme? Write about various treatment regimens and strategies used under DOTSplus guidelines.
- Pharmacotherapy of swine flu.

Answer any two of the following :

- Enumerate various insulin preparations. Write in detail about newer insulin preparations, their uses and pros and cons of each.
- Classify antirheumatoid drugs. Describe mechanism of action and adverse effects of DMARDs (Disease modifying antirheumatic drugs).
- Classify antiparkinsonian drugs. Describe mechanism of action, pharmacokinetics, adverse effects and interactions of levodopa.

[200]