


DZ-4012
Second Year M.B.B.S. Examination
June / July - 2016
Pharmacology : Paper-II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

નીચે સહી કરો. પિત્તાડોળાની વિગતો ઉપરોક્તની જા મેળવવા સમજી. Fill up strictly the details of signs on your answer book.		Seat No.:
Name of the Examination :		
S.Y. M.B.B.S.		
Name of the Subject :		
PHARMACOLOGY : PAPER-2		
Subject Code No.:	4 0 1 2	Section No. (1, 2, ...): Nil
		Student's Signature

(2) Answers must be brief, precise and to the point.

(3) Always give suitable examples and draw figures where necessary.

1 Answer very briefly :

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- 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.
- 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.

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[Contd...

- 2 Answer any three : 9
- 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.
- 3 Answer any four : 12
- 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 DOTS-plus guidelines.
 - Pharmacotherapy of swine flu.
- 4 Answer any two of the following : 10
- 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.