



DZ-4012

Second Year M.B.B.S. Examination

June / July - 2016

Pharmacology : Paper-II

Time : 2 Hours]

[Total Marks

26
40

Instructions :

(1)

नीचे दशांश में निम्नलिखित विषयों के उत्तर देना है।
Fillup strictly the details of signs on your answer book.

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

Seat No. :

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

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

1 Answer very briefly :

- ✓ (a) Name two pure μ opioid receptor antagonists. *Nalmefone, Nalmefone*
- ✓ (b) Which β blocker is contraindicated in migraine prophylaxis?
- ✓ (c) Name two uses of neomycin with different routes of administration.
- ✓ (d) Name four drugs used in MRSA.
- (e) Give two reasons for using propranolol in thyrotoxicosis.
- ✓ (f) Mention two agents used for operation theatre sterilization.
- ✓ (g) Enumerate the names of four tocolytics and their clinical uses
- ✓ (h) Name two phosphodiesterase inhibitors with one use of each.
- ✓ (i) Mention two agents used for mass prophylaxis to prevent filariasis.

2 Answer any three :

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

3 Answer any four :

12/7

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

4 Answer any two of the following :

10/6

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

