



R-3715

Second Year M. B. B. S. Examination

June / July - 2018




Pharmacology : Paper - II

Time : 2 Hours)

[Total Marks : 40]


Instructions :

(1)

१. 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. : **3 7 1 5** Section No. (1, 2, ...) : **1&2**

Seat No. :

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Student's Signature : 

- (2) Answers must be brief, precise and to the point.
- (3) Always give suitable examples and draw figures where necessary.

SECTION - I

- 1 Answer the following in brief :
- 10
- Morphine is contraindicated in patients with head injury. Give reasons.
 - Write two uses of chloroquine apart from malaria.
 - Name two drugs used in the treatment of HIV infection.
 - Explain the uricosuric action of probenecid.
 - Name the new anti-tuberculous drug approved in India for National Tuberculosis Programme.
 - Name two beta-lactame inhibitors.
 - Name the drug used specifically as urinary analgesic.
 - Monitoring of plasma concentration of phenytoin is useful in minimizing its toxicity. (Give your answer in relation to pharmacokinetics).
 - Name two drugs used in treatment of amoebic liver abscess.
 - Write two drugs of different class for migraine prophylaxis.

R-3715]

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| Contd.....

2 Answer any four of the following : **8**

- (a) Uses of iodine and iodides.
- (b) Write a short note on emergency contraceptive agent.
- (c) Write a note on sulbactam.
- (d) Discuss briefly the importance of three different doses of aspirin in therapeutics.
- (e) Describe the advantages and disadvantages of combination of LA (lidocaine) with a vasoconstrictor (adrenaline).

SECTION - II

3 Answer any **four** of the following : **12**

- (a) Classify the newer non-benzodiazepine hypnotics. Describe their advantages over the older ones?
- (b) Describe briefly the mechanism of action and uses of Albendazole.
- (c) Enlist drugs for Parkinson's disease. Mention mechanism of action and adverse drug reactions of any one of the anti-parkinsonian agents.
- (d) Write a short note on the pharmacotherapy of type I and type II lepra reactions.
- (e) Discuss the pharmacotherapy of Disease Modifying Anti-Rheumatic Drugs (DMARD).

4 Answer any **two** of the following : **10**

- (a) Write the classification of corticosteroids. Discuss the Pharmacological actions and adverse effects of glucocorticoids.
- (b) Describe the pharmacotherapy of type I diabetes mellitus. Discuss the various insulin analogues in detail.
- (c) Enumerate the five commonly used drugs for tonic-clonic seizures. Describe in brief their mechanism of action and adverse effects.