



R-3715

Second Year M. B. B. S. Examination

June / July - 2018

Pharmacology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी.  
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. :

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

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

- 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) Ennumerat the five commonly used drugs for tonic-clonic seizures. Describe in brief their mechanism of action and adverse effects.