



G-4011
Second M.B.B.S. Examination
January / February - 2015
Pharmacology : Paper-I

Time : Hours]

[Total Marks : 40

Instructions :

(1)

नीचे दशांश के विवरणों को ध्यानपूर्वक भरें।
Fillup strictly the details of signs on your answer book.

Name of the Examination :
SECOND M.B.B.S.

Name of the Subject :
PHARMACOLOGY : PAPER-I

Subject Code No. : 4 0 1 1 Section No. (1, 2,.....) : Nil

- (2) Answer must be brief, Precise and to the point.
- (3) Always give suitable examples.

- 1 Answer in two or three lines : 9
- (a) Define Placebo.
 - (b) Define a drug as per WHO guideline.
 - (c) Mention one contraindication during local use of adrenaline.
 - (d) Mention two teratogenic drugs.
 - (e) Mention two important contraindications of nasal decongestant which is alpha agonistic in nature.
 - (f) Physostigmine is preferred to neostigmine for treating atropine poisoning. Give one reason.
 - (g) Mention two uses of trimethaphan.
 - (h) Why codeine is not recommended for symptomatic treatment of productive cough ?
 - (i) Mention one advantage of cereal-based oral rehydration solution (ORS) over glucose-based ORS.

- 2 Answer any three : 9
- (a) Enumerate various antidiarrhoeal agents from different categories. Describe the clinical status of these agents in therapeutics. 681

- (b) Enumerate various antitussives from different categories. Describe their clinical status in therapeutics. 218, 219, 220.
- (c) Enumerate various anticoagulants from different categories. Describe briefly the side effects and monitoring of anticoagulant therapy. 617, 618, ----
- (d) Define bioavailability and bioequivalence of drug. Describe briefly the clinical importance of these two terms. 16.

3 Answer any four :

12

- (a) Describe briefly with diagram the concept of Kinetics of elimination of drug. 30.
- (b) Enumerate various antihypertensives from different categories. Describe briefly the mechanism of action of one category. 558, ----
- (c) Describe briefly the advantages and disadvantages of fixed-dose combination of drug. 61.
- (d) Enumerate various lipid lowering drugs from different categories. Describe briefly the mechanism of action of statins. 635, 636.
- (e) Enumerate various diuretics from different categories. Describe briefly the clinical uses of one which is commonly prescribed. 579, 581, 584

4 Answer any two :

10

- (a) Classify cholinergic drugs from different categories. Describe various therapeutic uses of these drugs.
- (b) Enumerate various ^{102, 105, 108}sympathomimetics from different categories. Describe therapeutic uses of directly acting agents. 129, 133, 137
- (c) Describe briefly with suitable examples drug-drug interaction in pharmacology. 928.