



M-4012
Second M. B. B. S. Examination
June / July - 2015
Pharmacology : Paper - II

Time : Hours] [Total Marks : 40

Instructions :

(1)

<p>નીચે દર્શાવેલ વિગતો ઉત્તરવાલી પુસ્તક પર અવશ્ય લખવી. Fill up strictly the details of signs on your answer book.</p> <p>Name of the Examination : SECOND M.B.B.S.</p> <p>Name of the Subject : PHARMACOLOGY : PAPER - 2</p> <p>Subject Code No. : 4 0 1 2 Section No. (1,2,...) : Nil</p>	<p>Seat No. : </p> <p>Student's Signature</p>
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- (2) Answer must be precise, brief and to the point
- (3) Always give suitable examples.

- 1 Answer very briefly : 9
- (a) Mention two drugs useful in threatened abortion.
 - (b) Mention two intravenously useful general anesthetic agents.
 - (c) Mention two topically useful corticosteroids.
 - (d) Mention two drugs which inhibit the enzyme alcohol dehydrogenase in Liver.
 - (e) What is recrudescence in relation to malaria ?
 - (f) Oxytocin and not ergometrine is used for induction of labour. Why ?
 - (g) Define antiseptic and disinfectant.
 - (h) Define MIC in relation to chemotherapy.
 - (i) Mention two topically useful antifungal agents.

2 Answer any three of the following : 9

- (i) What is an anabolic steroid ? Give their side effects and rational uses.
- (ii) Enlist various antithyroid agents. Mention mechanism of action, advantages and disadvantages of ^{131}I .
- (iii) Classify antipsychotics. Describe ADRs and uses of haloperidol.
- (iv) Which are various antidepressant ? Mention mechanism of action, ADRs and uses of any one of them.
- (v) What is DNA recombinant technique ? Describe various preparations of insulin with their advantages.

3 Answer any four of the following : 12

- (i) Enlist various antiparkinsonian drugs. Describe plan of therapy for elderly male patient of parkinsonism.
- (ii) Classify various drugs for malaria. Outline drug treatment for cerebral malaria.
- (iii) Enumerate various general anaesthetic agents. Compare and contrast nitrous oxide and halothane.
- (iv) Mention drugs useful in the treatment of enteric fever. Describe ADRs and uses of any two of them.
- (v) Which drugs are useful for leprosy ? Describe ADRs and uses of each drug you mention.

4 Answer any two of the following : 10

- (i) Discuss therapeutic uses of glucocorticoids. Mention ADRs of prednisolone when used for long term therapy.
- (ii) Describe various factors affecting choice of an antimicrobial agent.
- (iii) Classify antimicrobial agents according to their spectrum. Describe mechanism of action, uses and ADRs of gentamicin.