



ER-4012

Second Year M. B. B. S. Examination

December - 2016

Pharmacology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

●●●●●●●● ●●●●●●●● ●●●●●●●● ●●●●●●●● Fill up strictly the details of ● signs on your answer book.	Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Examination ● Second Year M. B. B. S.	Student's Signature
Name of the Subject : ● Pharmacology : Paper - 2	
Subject Code No. : <input type="text"/> 4 <input type="text"/> 0 <input type="text"/> 1 <input type="text"/> 2 Section No (1, 2.....) : <input type="text"/> 1&2	

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

SECTION - I

1 Answer very briefly : 10

- (1) Give examples of four drugs causing superinfection.
- (2) Justify : Imipenem is combined with cilastatin for its use in clinical practice.
- (3) Why is pyridoxine prescribed to a patient on antitubercular therapy ?
- (4) Why salt depletion should be watched for and prevented in patients taking lithium carbonate ?
- (5) Name two antiepileptic drugs which are used in petit mal epilepsy.
- (6) Give reason : Oral hypoglycemic are not used in the treatment of Insulin Dependent Diabetes Mellitus.
- (7) Describe two advantages and two disadvantages of radioactive iodine when used to treat hyperthyroidism.

- (8) Mention two examples and two therapeutic uses of third generation cephalosporins.
- (9) Mention one drug each with dose for the treatment of (a) galactorrhoea (b) post partum haemorrhage.
- (10) Explain : Levodopa is ineffective in the treatment of drug induced Parkinsonism.

2 Answer any four :

8

- (1) Describe briefly why corticosteroids are not stopped suddenly after prolonged use.
- (2) Enumerate drugs used in the treatment of anaerobic infection. Explain the pharmacological basis of use of metronidazole in hepatic amoebiasis.
- (3) Enumerate different preparations of penicillin. Write uses and adverse effects of Penicillin G.
- (4) Describe pharmacotherapy of category I tuberculosis.
- (5) Describe uses and contraindication of morphine.

SECTION - II

3 Answer any four :

12

- (1) Describe mode of administration and mechanism of action of combined oral contraceptive pills.
- (2) Explain the pharmacological basis for the use of tricyclic compounds in endogenous depression including details of dose and route of administration and important adverse effects.
- (3) Write a short note on insulin resistance.
- (4) Write a short note on fluoroquinolones.
- (5) Write in short on HAART in relation to HIV infection.

4 Answer any two :

10

- (a) Enumerate various drugs acting on opioid receptors. Describe briefly their therapeutic uses giving pharmacological basis.
- (b) Enumerate various first line and second line antituberculous drugs. Describe various goals of treatment of tuberculosis. Describe briefly how these goals can be achieved by these drugs. Your answer should include side effects of various drugs mention by you.
- (c) Enumerate various drugs useful in dysfunction of thyroid gland. Describe briefly the clinical status of these drugs.