

**ER-4012****Second Year M. B. B. S. Examination****December - 2016****Pharmacology : Paper - II**

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

- Fill up details of your details in the space provided. Fill up details of your details in the space provided.		Seat No. :
Name of the Examination :		
Second Year M. B. B. S.		
Name of the Subject :		
Pharmacology : Paper - 2		
Subject Code No. :	4 0 1 2	Section No. (1, 2, ...): 1&2
		Student's Signature

- (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.

ER-4012]

1

[Contd...



- (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.

ER-4012]

2

[Contd...



4. Answer any two :

10

- (1) What is artemisinin combination therapy (ACT) ?
Explain the rationale for combining the drugs in ACT to treat malaria. State any two ACT regimens available in India.
- (2) Describe in short the drug therapy of thyrotoxicosis.
- (3) Write pharmacotherapy of insomnia.

ER-4012]

3

[500]