

**JJ-4012****Second M. B. B. S. Examination****June / July - 2013****Pharmacology : Paper - II****Time : 2 Hours]****[Total Marks : 40****Instructions :****(1)**

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Name of the Examination :		<input type="text"/>	
SECOND M. B. B. S.		<input type="text"/>	
Name of the Subject :		<input type="text"/>	
PHARMACOLOGY : PAPER-2		<input type="text"/>	
Subject Code No. : 4 0 1 2		Section No. (1, 2,) : Nil	
		Student's Signature	

- (2) Answer should be brief and to the point.
(3) Give examples if needed.

- 1 Answer the following : 9
- (a) What is importance of second stage of general anaesthesia? Name two parenteral general anaesthetic agents.
 - (b) Enumerate uses of Lugol's Iodine.
 - (c) Why ergotamine cannot be used for induction of labour, though it is an uterine stimulant ?
 - (d) Why methadone is useful in de-addiction program in morphine addict?
 - (e) Why chloroquine is useful in hepatic amoebiasis but not so in intestinal amoebiasis ?
 - (f) Explain why naloxone is preferred over nalorphine for the treatment of acute morphine poisoning?
 - (g) Enlist two therapeutic uses of Clarithromycin.
 - (h) Briefly explain why praziquantel is preferred over niclosamide for the treatment of taenia solium infestation?
 - (i) Mention characteristic of neurolept analgesia. Name the drug used for the same.
- 2 Answer any three of the following : 9
- (a) Enlist various synthetic estrogen preparations. Describe various types of oral contraceptive pills.

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- (b) Describe side effects of different categories resulting from therapeutic use of Corticosteroids.
- (c) Classify aminoglycosides. Describe mechanism of action and therapeutic uses of Gentamicin.
- (d) Classify various drugs from different categories for Gout. Explain their mechanism of action, indication and adverse effects.

3 Answer any four of the following : 12

- (a) Classify various anti-malarial drugs. Describe mechanism of action and adverse effects of chloroquine. Write drug therapy of falciparum malaria.
- (b) Classify NSAIDs (Non Steroidal Anti inflammatory Drugs). Describe the pharmacological actions and side effects of the Aspirin. "
- (c) Point out differences in pharmacological actions of morphine and pentazocine. How these drugs differ in terms of action of opioid receptors ?
- (d) Classify various anti leprosy drugs. Describe mechanism of action, therapeutic uses and adverse effects of Dapsone.
- (e) Classify various oral anti diabetic drugs. Describe mechanism of action and adverse effects of Sulfonylurea.

4 Answer any two of the following : 10

- (a) Describe the drug therapy of various Sexually Transmitted Diseases (STD) in clinical practice.
- (b) Describe various types and preparation of insulin. Mention various indications and adverse effects of insulin. Write management of diabetic ketoacidosis.
- (c) Classify various antithyroid drugs. Describe mechanism of action, therapeutic use and adverse effects of the drugs used in hyperthyroidism.