

T.Y.B.PHARM. SEMESTER-VI (2011 COURSE) : SUMMER - 2018

SUBJECT: PHARMACOLOGY – III

Day : **Monday**
Date : **30/04/2018**

S-2018-3973

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 80

N.B.:

- 1) **Q.No.1 and Q.No.5 are COMPULSORY.** Out of the remaining questions attempt **ANY TWO** questions from each section.
 - 2) Answers to both the sections should be written in **SEPARATE** answer books.
 - 3) Figures to the right indicate **FULL** marks.
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SECTION – I

- Q.1** Answer **ANY FIVE** of the following: [10]
- a) Classify antianxiety drugs.
 - b) Define sedative and hypnotic with examples.
 - c) Explain the mechanism and clinical uses of amphetamine.
 - d) Enlist the stages of general anesthesia.
 - e) Differentiate grandmal and petitmal epilepsy.
 - f) Classify anti-Parkinsonian drugs.
 - g) What are Cognition enhancers?
- Q.2** a) Classify sedatives and hypnotics. Explain the mechanism of action, therapeutic actions, adverse effects and contraindications of barbiturates. [08]
b) Classify anti-epileptic drugs. Explain the pharmacology of phenytoin. [07]
- Q.3** a) Classify general anesthetics. Explain the pharmacology of liquid anesthetics. [08]
b) Classify antipsychotic drugs. Describe the pharmacology of phenothiazine. [07]
- Q.4** Write short notes on **ANY THREE** of the following: [15]
- a) Opioid analgesics
 - b) Antidote of Benzodiazepine poisoning
 - c) Preanesthetic medications
 - d) Lidocaine

SECTION – II

- Q.5** Answer **ANY FIVE** of the following: [10]
- a) What are Eicosanoids? Enlist their types.
 - b) Describe the synthesis of leukotrienes.
 - c) Define antipyretics. Give suitable examples.
 - d) Describe the mechanism of action and therapeutics uses of salicylates.
 - e) Classify the types of poisons.
 - f) Enlist the signs and symptoms of insecticide poisoning.
 - g) Enlist the adverse effects of NSAIDs.
- Q.6** a) Classify anti-inflammatory drugs. Discuss the pharmacology of paracetamol and ibuprofen. [08]
b) Discuss the pharmacology of drugs used for the treatment of mercury poisoning. [07]
- Q.7** a) Enlist the drugs used for treatment of acute and chronic gout. Explain in detail pharmacology of colchicines and probenecid. [08]
b) Describe the signs and symptoms and treatment of arsenic poisoning. [07]
- Q.8** Write short notes on **ANY THREE** of the following: [15]
- a) Disease modifying anti-rheumatic drugs (DMARDs)
 - b) Uric acid synthesis inhibitors
 - c) Selective COX – 2 inhibitors
 - d) Lead poisoning