MASTER OF PHARMACY (M. PHARM.) (CBCS-2019 COURSE)
M.Pharm. Sem-I Pharmacology : MARCH : 2022
SUBJECT: ADVANCED PHARMACOLOGY-I

Day : Wednesday
Date 23-03-2022   M-20719-2022

Time : 10:00 AM-01:00 PM
Max. Marks: 75

N.B.

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

SECTION – I

Q.1   Enlist and discuss the types of mechanisms of drug action.   **(08)**

Q.2   Discuss the types of GABA receptors. Differentiate between barbiturates and benzodiazepines.   **(15)**

Q.3   Detail on Opioid receptors. Discuss the pharmacology of morphine.   **(15)**

Q.4   Write notes on **ANY TWO** of the following :   **(15)**

a) Muscarinic receptor antagonists
b) Phenytoin
c) Neurohumoral transmission

SECTION – II

Q.5   Classify anti-hyperlipidemic agents. Derive pharmacotherapeutic utility of statins in hyperlipidemia.   **(07)**

Q.6   Classify antihypertensive drugs. Explain the pharmacology of drugs acting on renin angiotensin system.   **(15)**

Q.7   Write short notes on :   **(15)**
a) Pharmacotherapy of Myocardial infarction
b) Clopidogrel
c) β blockers

Q.8   Write notes on **ANY TWO** of the following :   **(15)**

a) Oral anticoagulants
b) Thiazide diuretics
c) Histamine

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