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B PHARM
(SEM V) THEORY EXAMINATION 2022-23
PHARMACOLOGY-II THEORY

Time: 3 Hours**Total Marks: 75****Note:** Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief.**10 x 2 = 20**

- (a) Define anabolic steroids.
- (b) Write the Physiological role of substance P.
- (c) Enlist the advantages of bioassay.
- (d) Define Coagulants with MOA of Vitamin K.
- (e) Write a note on Thrombolytics.
- (f) Enlist the drugs used as platelet aggregation inhibitors.
- (g) Give the name of hormone used in calcium balance.
- (h) Write the name of hormones secreted from the anterior pituitary and their physiological functions.
- (i) Give the pharmacological action of class II anti-arrhythmic drugs.
- (j) Write the pharmacological functions of histamine receptors.

SECTION B

2. Attempt any twoparts of the following:**2 x 10 = 20**

- (a) Classify Hypolipidemic drugs. Explain pharmacological action, mode of action, adverse affects and use of HMG-CoA reductase inhibitors.
- (b) Classify the NSAIDs and explain the Pharmacology of Aspirin.
- (c) Enlist various Hormones secreted by pituitary gland. Explain mechanism of action, therapeutic uses and adverse effect of growth hormone.

SECTION C

3. Attempt any fiveparts of the following:**7 x 5 = 35**

- (a) Define Autacoids. Classify them and discuss the physiological role of serotonin.
- (b) Write the Pharmacology and Classification of Anti-thyroid drugs.
- (c) Classify the Anti-hypertensive drugs with a note on CCBs.
- (d) Classify hematinics. Explain absorption, transport, utilization, store and excretion of Iron.
- (e) Classify Diuretics. Write a note on furosemide.
- (f) Write the Pharmacology of drugs acting on uterus.
- (g) Discuss the Pharmacology of Digoxin.