

The Assam Royal Global University, Guwahati

Royal School of Pharmacy

B. Pharmacy V Semester

Semester End Examination, July 2022

Course Title : Pharmacology-II

Course Code : PHR232C503

Time: 3 Hours

Maximum Marks: 75

Note: Attempt all questions as per instructions given.

The figures in the right-hand margin indicate marks.

Section – A

1. Attempt **all** questions. (Maximum word limit 50) 2.5 x 8
- Define angina pectoris and hypertension.
 - Give two example of statins.
 - What are the plasma volume expanders?
 - Classify anti platelet drugs.
 - What are autocoids? Explain with examples.
 - Mention the type of histaminic receptors.
 - Mention the hormones secreted by anterior pituitary gland.
 - Explain the principle of Bioassay.

Section – B

2. Attempt **any one** of the following: 13 x 1
- Classify anti hypertensive drugs. Write the MOA, ADR and therapeutic uses of ACE inhibitors.
 - Write the MOA, ADR and therapeutic uses of cardiac glycoside.
3. Attempt **any two** of the following: 7x 2
- Write a note on coagulants.
 - Classify diuretics. Explain the pharmacological action of thiazides.
 - Write the action, adverse drug reaction and therapeutic uses of fibrinolytics.
4. Attempt **any two** of the following: 7 x 2
- Classify NSAIDS. Write the action and adverse drug reactions of COX-I inhibitors.
 - What is Rheumatoid arthritis? What are the drugs used for RA?
 - Classify antigout drugs? Write the pharmacological action of any one of them.
5. Attempt **any two** of the following: 7 x 2
- What is the MOA and therapeutic uses of Propylthiouracil? Write a note on synthesis of thyroid hormone.
 - Write a note on uterine stimulants.
 - Classify oral hypoglycemic drugs. Write the pharmacology of metformin.