

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

Ph.D in Faculty of Pharmacy

PHARMACOLOGY

M.Code : 77385

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT question.
2. Each question carry FOURTEEN marks.

1. Indicate main families of receptors and discuss critically about G-protein coupled receptors.
2. What is apoptosis? Discuss mechanism of apoptotic cell death.
3. Give an account of anti-oxidants and their therapeutic uses.
4. What are toxicity studies? Indicate various types of toxicity studies and outline procedure to carry out sub-acute toxicity of an entity.
5. What is CPCSEA? Discuss critically the role of CPCSEA in regulating experiments on animals.
6. Write a note on ELISA and its applications.
7. Add a note on PCR and blotting techniques.
8. What is acute inflammation? Discuss in detail about mediators of inflammation.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.