

Rajiv Gandhi University of Health Sciences, Karnataka
First Semester M. Pharm Degree Examination - 18-Mar-2021

[Time: 3 Hours]

[Max. Marks: 75]

Advanced Pharmacology - I

Q.P. CODE: 5134

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Answer All The Questions

10 x 7.5 = 75 Marks

1. Classify diuretics. Explain the detailed pharmacology, ADRs and therapeutic uses of thiazide diuretics.
2. Classify NSAIDs with examples. Explain the mechanism of action and pharmacological actions, ADRs and therapeutic uses of COX1 inhibitors.
3. Discuss the physiological and pathological role of prostaglandins.
4. Classify general anesthetics. Discuss the pharmacology of halothane.
5. Describe the mode of action and pharmacological actions of fenofibrate.
6. Define depression and mania? Write the drugs used in the treatment of depression.
7. Classify the anti-hypertensive drugs. Discuss the pharmacological actions and ADRs of propranolol.
8. Discuss Phase-I and Phase-II biotransformation reactions.
9. Describe the role of glutamate and glycine as neurotransmitters.
10. Classify the opioid drugs. Write the pharmacology of Morphine.

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