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**MPHARM**  
**(SEM II) THEORY EXAMINATION 2021-22**  
**ADVANCED PHARMACOLOGY-II**

**Time: 3 Hours****Total Marks: 75****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****10 x 2 = 20**

a.	Classify antithyroid agents.
b.	Write down a short note on phased regimen as oral contraceptives.
c.	How is chronotherapy applied in the treatment of ulcer?
d.	What do you mean by prokinetics?
e.	Suggest few recent advances in treatment of Parkinson disease
f.	How does drug affect calcium regulation in our body ?
g.	Enlist the advanced treatments for tuberculosis.
h.	Classify antiulcer agents with examples
i.	Cite two examples of antifungal agents along with mode of action
j.	Mention few drugs used in the treatment of helminthiasis

**SECTION B****2. Attempt any two parts of the following:****2 x 10 = 20**

a.	Explain the molecular mechanism of action of growth hormone. Justify its adverse drug reactions and therapeutic uses.
b.	Discuss the role of corticosteroids in control of asthma and pregnancy
c.	Suggest the various ways by which drug resistance occur against microbes. How can you control drug resistance

**SECTION C****3. Attempt any five parts of the following:****7 x 5 = 35**

a.	Describe molecular mechanism of actions of any one important antiviral agent.
b.	Discuss the cellular and biochemical mediators of inflammation or allergic reaction
c.	Give a detailed account on irritable bowel syndrome and its treatment
d.	Classify antioxidants. Give a detailed account on the protective activity of antioxidant.
e.	Explain the molecular mechanism of insulin and thyroxin.
f.	Write short notes on: i. Sulfonylureas ii Application of chronotherapy in cardiovascular diseases
g.	Describe the generation of free radicals. How do they cause neurodegenerative diseases?