

F/2023/8102

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First Year Pharmacy
PHARMACEUTICAL CHEMISTRY
(ER20-12T)

Time : Three Hours

Maximum Marks : 80

- Note :** i) Attempt any five questions out of eight.
ii) Each question carry sixteen marks.

- Why do we add glycerin in the assay of boric acid?
 - Write a detailed note on Achlorhydria.
 - Discuss about the denture cleaner.
 - Discuss about the topical agent.
- Discuss principle of limit test for sulphate.
 - Write the properties and uses Practolol.
 - Write the storage condition of insulin.
 - Write a note on protective and adsorbent.
- Name of official preparation of methyl dopa.
 - Write limitation of Mohr's methods.
 - Write a note on Haematinics with example.
 - Define sulphonamide drug.
- Write the chemical name of the following group.
 $C_6H_5CH_2$, $\cdot CH_3CONH_2$, CH_3CO , C_2H_5O
 - Write the structure with numbering of the following group.
Benzodiazepine, Cyclopentane, Oxetane, Azetidene
 - Write the name of the drug containing following structure.
Imidazoline, Catechol, Quinoline, Phenothiazine
 - Write the any two brand name of each.
Ephedrine, Atropine

- What is gravimetric analysis? Write various step involve in it.
 - Explain briefly definition classification of sympathomimetic drug with example give the structure and uses of any two drugs.
- Explain briefly definition classification of NSAIDs with example give the structure and uses of any two drugs.
 - Define and classify anesthetic with example and write the structure IUPAC and uses of thiopental sodium drug.
- Explain various source of impurities in pharmaceuticals.
 - Explain briefly definition classification of antimalarial agent with example.
- Define and classify diuretics drug with example.
 - Explain sedative hypnotic agent with example.

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