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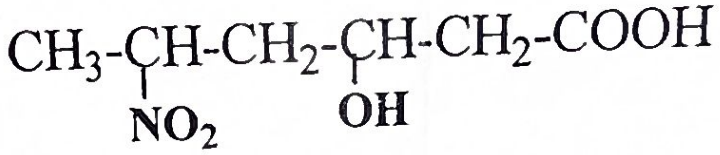
B. Pharm. 1st Year, II-Semester
First Sessional Examination-2024-25
Pharmaceutical Organic Chemistry-I (BP202T)

Max. Time: 1 Hr. **Max.Marks: 30**

Q. No. 1. Attempt *All* the questions **5x2=10**

(a) Define Nucleophile.

(b) Write the IUPAC name of the given compound.



(c) Give the structure and uses of Vanilin.

(d) Define Metamers.

(e) Name any two chemical test for carbonyl compounds.

Q. No.2. Attempt any ***Two*** of the following **2x5=10**

(a) Discuss Tautomerism with examples.

(b) Discuss Crossed Cannizzaro reaction.

(c) Give the classification of Organic compounds.

Q. No. 3. Attempt any ***One*** of the following **1x10=10**

(a) Discuss Halogenation of alkanes.

(b) Discuss with mechanism Perkin condensation. Explain Electromeric effect.