



**SHREE H.N.SHUKLA INSTITUTE OF PHARMACEUTICAL  
EDUCATION AND RESEARCH, RAJKOT**



**B.PHARM SEMESTER-II, INTERNAL EXAM (2023-24)**

<b>Subject code: BP202TP</b>	<b>Date: 04/07/2023</b>
<b>Sub: Pharmaceutical Organic Chemistry-I</b>	<b>Total Marks: 20</b>
<b>Time: 10:00AM TO 11:00AM</b>	<b>Enroll. No:</b>
<b>Write in detail: (ATTEMPT ANY FOUR)</b>	
<b>Q.1</b>	Give the structure and IUPAC name of (i) Formic acid (ii) Acetone (iii) Acetylene (iv) Ethylamine (v) Dimethylether (vi) Acetaldehyde. (5)
<b>Q.2</b>	Explain classification of organic compounds with example. (5)
<b>Q.3</b>	Give in detail on structural isomerisms in organic compounds. (5)
<b>Q.4</b>	Give the mechanism of E1 and E2 reaction. (5)
<b>Q.5</b>	Write a note on Free radical addition reaction with examples. (5)