



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



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

<b>Subject code: BP302TP</b>		<b>Date: 02/12/2023</b>
<b>Sub: Physical Pharmacy-I</b>		<b>Total Marks: 20</b>
<b>Time: 10:30AM TO 11:30AM</b>		<b>Enroll. No:</b>
<b>Write in detail: (ATTEMPT ANY FOUR)</b>		
<b>Q.1</b>	<b>Explain factor affecting on solubility.</b>	<b>(5)</b>
<b>Q.2</b>	<b>Explain Fick's First and Second Law.</b>	<b>(5)</b>
<b>Q.3</b>	<b>Explain Polymorphism and type of polymorphism.</b>	<b>(5)</b>
<b>Q.4</b>	<b>Explain Sublimation and distillation curve.</b>	<b>(5)</b>
<b>Q.5</b>	<b>Explain aerosol with a diagram and classification</b>	<b>(5)</b>