S. J. THAKKAR PHARMACY COLLEGE, RAJKOT

MID SEMESTER THEORY EXAMINATION

Second Semester B. Pharm (2008-2009)

PHYSICAL PHARMACY

Time: 12:00-01:00 **Date: 03-04-09** **Total: 20 Marks**

Q. 1 **A)** Write a short note on Electric Double Layer. **2**

B) Differentiate between Deflocculated & Flocculated suspension. **2**

C) Define Suspension and discuss its ideal properties. **2**

Q.2 **A)** Define Solubility. Describe the various factors affecting solubility of gases in liquid. **3**

B) Explain the mechanism. "How the polar solutes get dissolved in polar solvents". **2**

C) Give the statement of Henry's Law. **1**

Q. 3 **A)** Explain the Microscopic methods for particle size determination. **4**

OR

A) Describe Anderson Pipette Method.

B) Define Angle of Repose? How it can be measured? **2**

C) Define the terms: (i) Porosity (ii) True volume **2**

ALL THE BEST