Kalol Institute of Pharmacy, Kalol

Mid Term Examination
B.Pharm Semester-II
Pharmaceutical Chemistry

Date: 01/04/2009 **Time: 11:00 A.M. to 12:00 A.M**

Total Marks: 20

Q.1 Write **any four** of following in brief. **[8]**

(1) Define photochemical and thermo chemical reactions.

(2) Differentiate Phosphorescence and Fluorescence.

(3) Define adsorption. What is adsorbent and adsorabate.

(4) What is solution? Enumerate colligative properties

(5) Define surface tension and refractive index.

(6) Explain quantum efficiency.

Q.2 Write **any three** of followings in detail. **[12]**

(1) Explain Freundlich adsorption isotherm

(2) Derive Lambert-Beer's law.

(3) Difference between Photochemical and Thermo chemical reactions.

(4) Write application s of adsorption.

(5) Explain the methods for determination of surface tension.

----------*All the best*----------