

Anjuman-I-Islam's
KALSEKAR TECHNICAL CAMPUS, New Panvel
School of Pharmacy

F. Y. B. Pharm. (Semester – I)

Periodic Theory Examination (2011 – 2012)

Subject:- Physical pharmacy -I

Marks: 10 M

Date:- 3/11/11

Time:- 11:30am-12:30pm

Q.1 Write notes on- ANY ONE

2M

- A. Lindes Method
- B. Claudes Method
- C. Aerosols

Q.2 Write note on Critical phenomenon of gases

4M

OR

What are Real gases ? Derive Vander Waals equation

OR

What are the critical constants ? Derive relationships between critical constants and vanderwaals

Constants

Q.3 Define the following terms

2 M

- a . Optical Rotation
- b. Viscosity

Q. 4 Explain how dipole moment measurements can be used to determine the structure of

compounds .

2 M