



Symbol of Secularism
& National Integration

**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

School of Pharmacy

*Approved & Recognised by: All India Council for Technical Education and Council of Architecture, New Delhi
Directorate of Technical Education, Govt. of Maharashtra Affiliated to: University of Mumbai*

**F. Y. B. Pharm. (Semester –II)
Periodic Theory Examination (2011 – 2012)**

**Subject: Pharmaceutics - II
Marks: 10 M**

**Date: - 15/03/12
Time: - 11.00 am-12.00 pm**

Q.1 Give reasons: (Any two) (2)

- 1) Aromatic waters are stored in a cool place away from light.
- 2) Nasal preparations are to be made isotonic with nasal secretions.
- 3) Preservatives are added to Liquid Orals.
- 4) Artificial syrup is ~~is~~ used for diabetics.

Q.2 What is Pre-formulation? Discuss the importance of Polymorphism. (4)

OR

Q.2 How are the following determined during pre-formulation studies?

(Any two) (4)

- 1) Particle size
- 2) Partition co-efficient
- 3) Dissociation constant

Q.3 Write short note on: (Any two) (4)

- 1) Large scale Manufacturing of Liquid Orals
- 2) Preservatives
- 3) Complexation in Formulation of Pharmaceuticals
- 4) Packaging of Liquid Orals