

**Anjuman-I-Islam's**  
**KALSEKAR TECHNICAL CAMPUS, New Panvel**  
**School of Pharmacy**  
**F. Y. B. Pharm. (Semester – I)**  
**Periodic Theory Examination (2011 – 2012)**

**Subject:- Pharmaceutical Engg.I**

**Date:- 5/11/11**

**Marks: 10 M**

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

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**Q.1 a .What is Centrifugation? 1 M**

**b. Classify Centrifugation? 2M**

**OR**

**Explain Factors influencing rate of corrosion 3M**

**Q.2 Write theory of centrifugation 3 M**

**OR**

**Write note on Hydroextractor**

**Q.3 Enlist different type of heat exchangers & write note on tube heat exchanger 4 M**

**Or**

**Q.3 a. Define conductor as a mechanism of heat flow. 1.5 M**

**b. State and explain Steafen Boltzmanns law of heat radiation. 2.5 M**