

# **2012 Scheme**

**QP CODE: 213006**

**Reg. No: .....**

## **Second Year B.Pharm Degree Supplementary Examinations December 2019**

### **Pharmaceutics II**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

#### **Essays**

**(3x10=30)**

1. Explain accelerated stability testing of pharmaceuticals.
2. Discuss the theories of emulsification.
3. Discuss the methods of determination of particle size in brief.

#### **Short notes**

**(14x5=70)**

4. Fick's laws of diffusion
5. Any one type of dissolution testing apparatus
6. Surface active agents
7. Purification of colloids
8. Flocculated and deflocculated suspensions
9. Any one method to determine angle of repose.
10. Zero order and apparent zero order reactions
11. Evaluation of emulsions
12. Formula for: Carr's index and Hausner's ratio
13. Any one complexation method used to increase the solubility of drugs
14. Different types of viscometers and explanation on any one type
15. Stability of colloids
16. Plastic and pseudo plastic flow systems
17. Types of colloids

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