

# **2010 scheme**

**QP CODE:404006**

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

## **Final Year B.Pharm Degree Supplementary Examinations April (November), 2020**

### **Pharmaceutics - VI (Formulative & Industrial Pharmacy)**

**Time: 3 Hours**

**Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

#### **Essays**

**(3x10=30)**

1. Describe granulation properties and different methods in tablet granulation.
2. Enlist the various vehicles used in sterile products. Add a note on water for injection and non-aqueous vehicles.
3. Explain in detail about the containers in pharmaceutical aerosols

#### **Short notes**

**(14x5=70)**

4. Disintegration test in tablets.
5. Soft gelatin capsules.
6. LAL test.
7. Laminar air flow.
8. Leaker test.
9. Metered dose inhaler in aerosol.
10. Surgical ligatures.
11. Absorbable gelatin sponge.
12. Evaluation of packing material.
13. Nail polish.
14. Mouth washes.
15. Nanoparticle.
16. Ideal transdermal drug delivery system.
17. Process validation

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