

## **2012 scheme**

**QP CODE:414006**

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

**Final Year B.Pharm Degree Regular/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. Discuss in detail about the different processing problems in tablet manufacturing.
2. Demonstrate the process involved in the preparation of solution, filling and sealing of sterile products.
3. Classify liposome. Give the procedure for preparation of liposomes; mention its advantages and applications.

### **Short notes**

**(14x5=70)**

4. Tablet excipients.
5. Filling of hard gelatin capsules.
6. Non-aqueous vehicle in parenteral preparation.
7. Dialysis fluids.
8. Evaluation of containers and closures in ophthalmic preparation.
9. Enlist the quality control test for pharmaceutical aerosols and write a note on valve assembly.
10. Absorbent cotton.
11. Plasma substitute.
12. Tablet coating.
13. Vanishing cream.
14. Dentifrices.
15. Transdermal drug delivery system.
16. Microencapsulation by air suspension technique.
17. Wet granulation.

\*\*\*\*\*