

# **2012 scheme**

**QP CODE:414006**

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

## **Final Year B.Pharm Degree Supplementary Examinations July 2021 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. Define pharmaceutical aerosol. Explain the formulation and packaging of aerosols with special reference to valve systems.
2. Explain the manufacturing of large volume parenterals. Add a note on quality control tests for parenterals.
3. Explain the excipients used in tablets. Add a note on single punch operation.

**Short notes**

**(14x5=70)**

4. Definition and evaluation methods of transdermal drug delivery systems.
5. Advantages of controlled drug delivery systems.
6. Shampoo
7. Dentifrices
8. Evaluation of glasses used for packaging
9. Blood products
10. Types of surgical ligatures and sutures
11. Ideal requirements for different ophthalmic preparations
12. Dialysis fluid
13. Non aqueous vehicles used in injections
14. Enteric coating
15. Isotonicity and its uses
16. Soft gelatin capsule
17. Processing problems in tablet coating

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