

QP Code: 522006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular Examinations January 2020  
Formulative Pharmacy**

**(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x10=20)**

1. Define and classify tablets. Discuss wet granulation method in detail.
2. Explain various official quality control tests for hard gelatin capsules.

**Short Notes**

**(7x5=35)**

3. Discuss different methods of sterilization for parenteral products
4. Explain sterility test and pyrogen test for parenteral products
5. General composition of eye drops.
6. Enlist different ingredients used in the preparation of Lipsticks along with their uses.
7. Evaluation of Aerosols.
8. Discuss different types of glass used in pharmaceutical packaging.
9. Mention various physical properties studied in preformulation and briefly explain any TWO properties.

**Answer Briefly**

**(10x2=20)**

10. What do you mean by BCS classification of drugs.
11. Mention different types of tablet coating. Enlist different coating materials.
12. What is base adsorption value. Write its importance.
13. Parenteral products should be sterile and free from pyrogens. Give reasons.
14. How do you seal the ampoules.
15. Laminar air flow.
16. What are the components of aerosol packages.
17. Mention the differences between cold cream and vanishing cream.
18. Slugging process.
19. What is lyophilization.

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