

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations
April 2019**

Industrial Pharmacy II

Time: 3 hrs

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x10=20)

1. What are surgical products. Explain sutures and ligatures in detail.
2. Define cosmetics and classify it. Explain about various raw materials used for the preparation of shampoos with examples.

Answer briefly:

(10x5=50)

3. Evaluation of suppositories.
4. Types of vehicles used in the preparation of parenterals.
5. Liposomes and their applications.
6. Quality control of ophthalmic preparations.
7. Preparation of suppositories.
8. Explain microspheres as novel drug delivery systems.
9. Discuss treated soda lime glass and borosilicate glass.
10. Discuss transdermal drug delivery system.
11. Pilot plant scale up studies.
12. Explain principle areas of preformulation studies.

Short notes:

(10x3=30)

13. Ideal requirement of suppository bases.
14. Evaluation of plastic container.
15. Organ replacement material.
16. Closures
17. Powdered glass test.
18. Formulation of dentifrices.
19. Define adhesive tape and bandages.
20. Factors influencing choice of containers.
21. Explain stability study of pharmaceutical formulations.
22. Requirements for a good ophthalmic preparation.
