

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations,
April 2017**

Industrial Pharmacy II

Time: 3 hrs

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x10=20)

1. What is stability study and explain the importance of stability study. List out various stability study conditions with reasons.
2. Define surgical products. Explain surgical cotton and surgical gauzes.

Answer briefly:

(10x5=50)

3. Explain glass as a packaging component.
4. Functions of skin.
5. Evaluation of suppositories.
6. Types of parenteral preparation.
7. Microspheres.
8. Occuserts.
9. Quality controls of ophthalmic preparation.
10. Pilot plant scale up for solid dosage form.
11. Composition of lipsticks.
12. Formulation and manufacture of cold creams.

Short notes:

(10x3=30)

13. Factors influencing choice of containers.
14. Bandages.
15. Composition of nail lacquers.
16. Importance of preformulation studies.
17. Water for injection.
18. Layout of sterile product area.
19. Controlled release v/s sustained release formulation
20. Advantages of theobroma oil as suppository base.
21. Types of closure.
22. Adjustment of tonicity.
