

QP Code: 405008

Reg. No.....

**Final Year B. Pharm(Ayurveda) Degree Supplementary Examinations,
April 2016**

Industrial Pharmacy II

Time: 3 hrs

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x10=20)

1. Define parenteral dosage forms. Explain formulation and quality control test for parenterals.
2. What are suppositories. Discuss the advantages and disadvantages of suppositories. Explain the method of preparation of suppositories.

Answer briefly:

(10x5=50)

3. Importance and advantage of sustained release drug delivery system.
4. Define dentifrices and mention the formulation of dentifrices with one formulae.
5. Factors influencing the stability of pharmaceutical formulations.
6. Pilot plant scale up studies.
7. Explain the vehicles using for parenteral preparation.
8. Principles of sustained release mechanism.
9. Factors influencing choice of containers.
10. Explain the packaging materials. Classify glasses. Mention the merits and demerits of glasses.
11. Define the roll of cosmetics. Explain the formulation of lipsticks.
12. Classify and explain suppository bases. Mention the ideal condition of the bases.

Short notes:

(10x3=30)

13. What you meant by microspheres and mention the advantages of microspheres.
14. Primary wound dressing.
15. Ideal requirements of ophthalmic products.
16. Define cosmetology. Discuss baby care products.
17. Advantages of parenterals compare to other dosage forms.
18. Organ replacement materials.
19. Packaging and storage conditions of parenteral products.
20. Importance of pre formulation studies.
21. Surgical cotton and adhesive tape.
22. Define and classify ophthalmic preparations.
