

QP Code: 405008

Reg. No.....

Final Year B. Pharm(Ayurveda) Degree Examinations, October 2014

Industrial Pharmacy II

Time: 3 hrs

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x10=20)

1. What are ophthalmic products. Mention various types of ophthalmic products.
Explain the evaluation of ophthalmic products.
2. Define surgical products. Explain surgical cotton and surgical gauzes.

Answer briefly:

(10x5=50)

3. Explain microspheres as novel drug delivery system.
4. Methods employed in the manufacture of suppositories.
5. Explain the formulation and manufacture of cold creams.
6. Organ replacement materials.
7. Explain gastro retentive systems employed as sustained release drug delivery systems.
8. Describe pilot plant lay out.
9. Evaluation of parenteral preparations.
10. Borosilicate glass and treated soda lime glass.
11. Essential features required for an ideal suppository base.
12. Describe solubility studies as a part of pre formulation research.

Short notes:

(10x3=30)

13. What are dental care preparations.
14. Mention the advantages of novel drug delivery systems.
15. Pyrogen testing for parenterals.
16. Mention the goals of pre formulation studies.
17. Climatic zone concept in stability testing.
18. Advantages of theobroma oil as a suppository base.
19. Water for injection.
20. What are the personnel requirements in pilot plant scale up studies.
21. Evaluation of dentifrices.
22. Rubber as a packaging component.
