

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations
April 2018**

Industrial Pharmacy II

Time: 3 hrs

Total Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(2x10=20)

1. Write about various transdermal drug delivery system
2. Define preformulation. Briefly explain the principal areas of preformulation research.

Answer briefly:

(10x5=50)

3. Antioxidants used in parenterals
4. Controlled release drug delivery system
5. Various requirement for good ophthalmic preparations
6. Stability testing for pharmaceutical products
7. Novel drug delivery system
8. Absorbable and non-absorbable sutures
9. Formulation of parenterals
10. Advantages and disadvantages of sustained release formulation
11. Surgical cotton
12. Formulation of eye drop

Short notes:

(10x3=30)

13. Packaging of suppositories
14. Droop point
15. Nanoparticle
16. Dental care preparation
17. Various climatic zone concepts in stability testing
18. Skin creams
19. Arsenic test
20. Water soluble suppository bases
21. Formulation of shampoos.
22. Personnel requirements in pilot plant scale up studies
