

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Regular/Supplementary
Examinations March 2023**

Industrial Pharmacy II

Time: 3 hrs

Total Marks: 100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw Diagrams wherever necessary*

Essays:

(2x10=20)

1. Discuss structure and functions of skin and hair.
2. Define suppositories. Explain their manufacturing procedure.

Answer briefly:

(10x5=50)

3. Requirements of ophthalmic preparations.
4. Write in brief about parenteral dosage forms.
5. Define official dressing with its procedure.
6. Medical prosthetics and organ replacement materials.
7. Mention the advantages and disadvantages of sustain release formulation.
8. Explain in brief Novel drug delivery system.
9. Preformulations.
10. Importance of pilot plant scale up in industry.
11. Discuss different types of packaging equipments.
12. Need of stability studies in pharmaceutical industries.

Short notes:

(10x3=30)

13. Ideal requirements for suppositories.
14. Define dentifrice with suitable example.
15. Preparation of nail polish.
16. Evaluation of ophthalmic products.
17. Differentiate adhesive tape and bandages.
18. Define absorbent with example.
19. Write advantages of packaging for different kind of formulations.
20. Stability aspect of packaging.
21. Legal requirements for containers.
22. Ligatures and catguts.
