

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations
September 2022**

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. Explain the different container systems for packaging of pharmaceutical products.
2. Describe the stability study parameters for pharmaceutical formulations.

Answer briefly: (10x5=50)

3. Formulation and evaluation of eyelashes.
4. Write the different types of ophthalmic formulations.
5. Explain the sterility and pyrogens testing procedures for parenterals.
6. Enlist the ideal properties of suppository bases.
7. Surgical cotton.
8. Differentiate between sutures and ligatures.
9. Write about nanoparticles as novel drug delivery system.
10. Explain the pilot plant layout requirements.
11. Write about the pharmaceutical packaging testing.
12. Explain the structure of skin with labeled diagram.

Short notes: (10x3=30)

13. Define dentifrices. Give examples.
14. Define suppositories. Write the types of suppositories.
15. Eye ointments.
16. Write about small and large volume parenterals.
17. Define surgical absorbents.
18. Write about medical prosthetics.
19. What are organ replacement materials.
20. Enlist different packaging equipments.
21. Preformulation studies for oral dosage forms.
22. Protective cellulosic hemostatics.
