

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations
August 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. Explain the different novel drug delivery systems.
2. Enlist the ideal requirements of suppositories. Describe the manufacturing process and evaluation of suppositories.

Answer briefly:

(10x5=50)

3. Formulation aspects of ophthalmic preparations.
4. Ligatures and catgut.
5. Write the advantages and disadvantages of sustained release formulations.
6. Write the pilot plant scale up requirements.
7. Explain the different types of preformulation studies of pharmaceutical dosage forms.
8. Explain the factors influencing choice of packaging containers.
9. Write about absorbable and non-absorbable sutures.
10. Explain the formulation of dentifrices.
11. Different types of stability studies for pharmaceuticals.
12. Explain the methods for evaluation of packaging containers.

Short notes:

(10x3=30)

13. Formulation of baby care products.
14. Nail polish.
15. Define adhesive tapes. Give examples.
16. Examples of different sustained release formulations.
17. Different types of suppository bases.
18. Evaluation tests for ophthalmic preparations.
19. Importance of pilot plant in pharmaceutical industry.
20. Enlist different packaging components.
21. Why stability studies are conducted for pharmaceutical products.
22. Write a note on surgical gauzes.
