

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Regular/Supplementary
Examinations March 2024**

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 in detail the different types of Novel drug delivery systems.
2. What are preformulation studies. Give their significance. Explain the different preformulation studies for pharmaceuticals.

Answer briefly:

(10x5=50)

3. With a neat diagram explain the structure of hair.
4. Explain the different types of ophthalmic formulations.
5. Explain the sterility and pyrogens testing procedures for parenterals.
6. Explain the methods of preparation for Suppositories.
7. Write the stability tests for packaging system.
8. Differentiate between sutures and ligatures.
9. Write about the equipments used for pharmaceutical packaging.
10. Explain the pilot plant layout requirements.
11. Write about plastic as packaging container for pharmaceuticals.
12. Explain the method of preparation of surgical cotton and surgical gauzes.

Short notes:

(10x3=30)

13. Differentiate between controlled and sustained release formulations.
14. Uses of suppositories.
15. Write a note on eyelashes.
16. Write about small and large volume parenterals.
17. Define surgical absorbents.
18. Write about medical prosthetics.
19. Notes on organ replacement materials
20. Significance of stability studies.
21. Preformulation studies.
22. Baby care cosmetics.
