

QP Code: 405008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Regular/Supplementary
Examinations April 2021**

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. What is pilot plan scale up technique. Explain various steps involved in scale up for any one solid dosage form.
2. Explain the bases used in the preparation of suppositories.

Answer briefly:

(10x5=50)

3. Explain the formulation of lipsticks.
4. Catgut.
5. Explain the features of surgical dressing.
6. Discuss the various types of packaging component.
7. Describe water for injection as a vehicle for parenterals.
8. Types of cleansing cream.
9. Advantages and disadvantages of sustained release formulations.
10. Explain glass as a packaging component.
11. Describe surgical cotton.
12. Stability of pharmaceutical formulations.

Short notes:

(10x3=30)

13. Sterility testing for parenteral products.
14. Formulation of eyelashes.
15. Osmotic drug delivery system.
16. Different route of administration in parenterals.
17. Goals of preformulation studies.
18. LAL test.
19. Factors influencing the degradation of pharmaceutical products.
20. Freeze drying.
21. Define novel drug delivery system.
22. Preservatives used in parenteral preparations.
