

**QP Code: 405008**

**Reg. No.....**

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations  
November 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. Pilot plan scale up.
2. Explain sustain release formulations in detail.

**Answer briefly:**

**(10x5=50)**

3. Importance of hygroscopicity in preformulations.
4. Merits and demerits of novel drug delivery system.
5. Discuss types packaging components with its advantage.
6. Discuss manicure preparations.
7. Explain formulations of ophthalmic preparations.
8. Evaluation of suppositories.
9. Various types of stability studies.
10. Explain testing of packaging.
11. Different types of surgical gauzes.
12. Parenteral dosage forms

**Short notes:**

**(10x3=30)**

13. Define bandages.
14. Define cosmetic products.
15. Stability aspect of pharmaceutical products.
16. Define preformulation.
17. Explain preparation of dentifrice.
18. Mention types of bases used in suppositories.
19. Explain ligatures and absorbable suture.
20. Discuss different equipment used for packaging.
21. Explain primary wound dressing.
22. Write merits of preformulations.

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