

**QP CODE: 102326**

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

First Year Pharm D Degree Supplementary Examinations - March 2013

**PHARMACEUTICS**

**Time: 3 Hours**

**Total Marks: 70**

- **Answer all questions**
- **Write equations, draw diagrams wherever necessary**

**Essay: (2x10=20)**

1. Define prescription and explain the different parts of a prescription. Narrate a model prescription
2. Define suppositories. Explain the methods used for preparation of suppositories.

**Short notes: (10x3=30)**

3. Explain about eutectic mixture.
4. Factors affecting dose of a drug.
5. Evaluation tests for emulsion.
6. Compare and contrast flocculated and deflocculated suspension.
7. Explain the different methods of mixing powders.
8. Mention any three formula for calculating the Child dose of a drug.
9. Explain the preparation of surgical catgut.
10. Instability in emulsion.
11. Prepare 600ml of 60% alcohol from 95% alcohol.
12. Explain the method of preparation of tinctures by percolation.

**Answer briefly: (10x2=20)**

13. List the types of surgical dressings.
14. Define lotions. Mention the name of ingredients and use of calamine lotion.LP.
15. Explain throat paints with a suitable example.
16. List the theories of emulsification.
17. Site an example of therapeutically active explosive mixture.
18. What are the ideal properties of suspension.
19. Displacement value.
20. Mention any two Therapeutic Incompatibilities.
21. Explain maceration method of extraction for organised drug.
22. What are the various cautions that are generally listed on prescriptions.

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