

**QP CODE: 2326**

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

First Pharm D Degree Examinations - September 2011

**PHARMACEUTICS**

**Time: 3 Hours**

**Total Marks: 70**

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

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

1. Define incompatibility . Explain the types of incompatibilities with suitable examples.
2. Define galenicals. Explain the different percolation process for extraction.

**Write short notes:** **(10x3=30)**

3. Write briefly on suppository bases with suitable examples.
4. Define suspension; write about the methods to stabilize suspension.
5. Explain the different parts of a prescription.
6. How will you prepare 500ml of 0.9% sodium chloride solution.
7. What are the requirements of an ideal surgical dressing.
8. Explain the historical development of Indian pharmacopoeia.
9. Classify liquid formulations used for internal use.
10. Explain two methods for preparing emulsions
11. Describe the sterilization of surgical catgut.
12. What are the ideal characters required by the vehicle used for eye drops.

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

13. Define liniments. Give the name of ingredients, method of preparation and use of turpentine liniment I.P.
14. Write the factors affecting dose of a drug.
15. List the instability problems in emulsions.
16. List the various mixing methods involved in preparation of powders.
17. Define enema. Give a brief explanation about enema.
18. Write the composition of tooth powder.
19. Define collodions. Write the name of ingredients and use of flexible collodion.
20. What is the advantage of SI over metric system.
21. Define displacement value.
22. What are the different types of fibres used as surgical dressing.

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