

QP CODE: 102326

Reg. No:.....

First Pharm D Degree Examinations - September 2012

PHARMACEUTICS

Time: 3 Hours

Total Marks: 70

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

Essay:

(2x10=20)

1. Classify emulsifying agents, with suitable examples. Add a note on instability of emulsions.
2. Define prescription. Explain the different parts of prescription. Narrate a model prescription.

Short notes:

(10x3=30)

3. What are dentifrices and briefly explain them.
4. Write briefly on Indian Pharmacopoeia.
5. Explain about wet gum method.
6. If 500ml of 15% (v/v) solvent of methyl salicylate in alcohol are diluted to 1500 ml what will be the percentage strength.
7. Mention any three formula for calculating child dose of a drug.
8. Explain about insufflations
9. Explain maceration process of extraction with suitable example.
10. What is throat paint. Mention the name of ingredients and use of one throat paint.
11. Explain sterilization of surgical catgut.
12. Preparation and uses of absorbable gelatin sponge

Answer briefly:

(10x2=20)

13. Explain how age factor affects dose of drugs.
14. Explain physical incompatibility with suitable examples.
15. Explain geometric dilution for dispensing of powders with a suitable example.
16. Differentiate flocculated and deflocculated suspension.
17. Explain dusting powders
18. Convert 90% v/v alcohol into proof strength
19. Define displacement value. What is its significance in the preparation of suppositories
20. Method of preparation of suppositories
21. Explain about deliquescent powder
22. Distinguish between liniments and lotions.