QP CODE:103006	Reg.No:
<u> </u>	1109

First Year B.Pharm Degree Supplementary Examinations, February 2016

PHARMACEUTICS - I

(Dispensing and General Pharmacy)

(2010 - Scheme)

Time: 3 Hours Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay (3x10=30)

- 1. Classify powders. Describe the general method of dispensing powders containing eutectic combinations.
- 2. Define suppositories. Mention the principle and the methods for the preparation of suppositories
- 3. Define tinctures. Explain a method to prepare dry and liquid extracts.

Short notes (14x5=70)

- 4. Define lozenges. List the advantages and the ingredients used in the preparation of lozenges
- 5. Explain the various types of chemical incompatibility
- 6. Classify the various types of solid dosage forms.
- 7. Discuss in brief the various methods used in the preparation of emulsions
- 8. Narrate the additives used in the preparation of ointments
- 9. Describe in brief the method of dispensing the mixtures containing in diffusible solids.
- 10. Calculate how many ml of 60% w/w syrup and 20%w/w syrup are required to prepare 300ml of 30%w/w syrup.
- 11. Define liniment. Explain the method of preparation of turpentine liniment I.P
- 12. Discuss the sources of errors in prescriptions.
- 13. Explain the general method for the preparation of paste with suitable example.
- 14. Define mixture. What are the advantages and disadvantages of mixture.
- 15. What are the salient features of the fourth edition and fifth edition of Indian pharmacopoeia.
- 16. Calculate the quantity of sodium chloride required for preparing 500ml I.V infusion of 0.9%w/v concentration. How many grams of sodium chloride required to prepare 1 liter of 2.5% solution.
- 17. List the labeling requirements for lotions and suppositories
