Subject Code: B13105/R13

I B. Pharmacy I Semester Regular Examinations Feb. - 2014
DISPENSING PHARMACY & ETHICS

Time: 3 hours   **Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**
Answering the question in **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**
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PART-A

1.(i)   Define proof spirit. Convert 20 UP and 30 OP to real strength of alcohols.
  (ii) Write the principle and procedure involved in the preparation of strong solution of ammonium acetate.
  (iii) What are suspensions? Write about their characters, merits and demerits.
  (iv) Explain how you dispense eutectic mixtures.
  (v)   Write notes on infusions.

[5+5+4+4+4]

PART-B

2.(a)   With a model prescription explain the parts of a prescription.
  (b)   Define ointments. List various types of bases used in the preparation. Describe how ointments are prepared.

[8+8]

3.(a)   Define the term mixtures and classify them. How do you dispense mixtures containing (i) indiffusible solid (ii) suspensions containing poorly wetting substances.
  (b)   Write notes on (i) Creams (ii) Linctus.

[8+(4+4)]

4.(a)   Define and classify emulsions. Explain various tests used to identify types of emulsions.
  (b)   Define displacement value. Explain its importance. Explain ideal properties of suppository bases. Add a note on properties of coco butter.

[8+8]

5.(a)   What are chemical incompatibilities? Explain incompatibilities causing evolution of gas with suitable examples.
  (b)   A solution contains 1.0 gms ephedrine sulphate in a volume of 100 ml. What quantity of sodium chloride must be added to make the solution isotonic. How much dextrose would be required for this purpose? (sodium chloride equivalent of ephedrine sulphate is 0.23 and dextrose 0.16).

[10+6]

6.(a)   What are galanicals? Explain percolation process.
  (b)   What are therapeutic incompatibilities? Explain with examples.

[10+6]

7.(a)   Write ethics in pharmacy in relation to profession and trade.
  (b)   Write notes on labeling of dispensed products with suitable examples.

[10+6]