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Code No. **4403****FACULTY OF PHARMACY****B. Pharmacy I Year (Suppl.) Examination, November/December 2010**
PHARMACEUTICS — I (General and Dispensing Pharmacy)

Time : 3 Hours]

[Max. Marks : 70

Note : Answer all questions. All questions carry equal marks.

I. a) Discuss in detail about the career opportunities available for pharmacy graduates. 8

b) Calculate the dose for a

i) Nine months old infant

ii) Child of 5 years and

iii) Boy of 16 years age when the adult dose of drug is 100 mg.

OR

c) Explain about the pharmaceutical education in India. 8

d) Write short notes on I.P. and USP.

II. a) Define the term 'prescription'. Describe in brief the various parts of prescription with suitable example. 7

b) Write in brief about the various information required to be given on the label of dispensed medicines. 7

OR

c) Discuss the various types of glasses used for packing of pharmaceuticals. 7

d) Write a note on colours and flavours used in dispensing of pharmaceuticals. 7

(This paper contains 2 pages)

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III. a) Discuss the formulation of suspensions with suitable examples. 7

b) Write a note on : 7

i) Calamine lotion

ii) Eye drops.

OR

c) Describe different methods used to prepare Aromatic waters. 7

d) Write a note on :

i) Significance of HLB value

ii) Nasal drops.

IV. a) What are suppositories ? Discuss the various methods of preparation of suppositories. 7

b) Discuss the chemical incompatibilities which occur due to soluble salicylates. 7

OR

c) Write short notes on : 7

i) Pastilles

ii) Tablet triturates.

d) Explain the physical incompatibilities with suitable examples. 7

V. a) Explain the procedures for preparation of radio pharmaceuticals. 7

b) Write a note on handling and storage of medicinal gases. 7

OR

c) Describe the percolation process with suitable example. 7

d) Write a note on diagnostic and therapeutic applications of radio pharmaceuticals. 7