

FACULTY OF PHARMACY**B. Pharmacy I-Year (Main & Backlog) Examination, June 2011****PHARMACEUTICS—I (GENERAL *si* DISPENSING PHARMACY)**

Time : Three Hours }

[Maximum Marks : 70]

Note Answer ALL questions, All questions carry equal marks.

1. (A) Write a note on American Pharmacy. 6
(B) Define proof spirit. 2
(C) Calculate the dose for a 8 year boy. (Adult dose of Metronidazole is 400 mg). 8

OR

- (D) Mention the various official books of standards and explain the salient differences between them 10
(E) Convert the following
75° O.P., 17' O.P. to percentages of alcohol and 60% WV, 80% WV to proof spirit. 6

2. (A) Discuss different parts of a prescription. 8
(B) Describe the prescription container and write the advantages and disadvantages. 8

OR

- (C) Write a note on labeling of dispensed products. 8
(D) Discuss in brief about Monophasic liquid dosage form and classify them with examples. 8

3. (A) Classify emulsifying agent with suitable examples and write the importance of Stoke's law. 10

- (B) Write the differences between the following :
(i) Lotions Vs Liniments (ii) Throatpaints Vs Gargles. 6

OR

- (C) Write a note on Suspension and their preparation. 7
(D) Write a note on : (i) Inhalations, (ii) Mintures, (iii) Eliners. 9

4. (A) How do you dispense the following preparation ?

R_x quinine SO₄---- 2 gm

HCl — 2 ml

KI — 0.5 gm

Water upto — 15 ml,

6

(B) Classify ointment bases with suitable examples and write the importance of effervescent granules. 10

OR

(C) What are therapeutic incompatibilities ? Explain them with suitable examples and methods to overcome the incompatibilities. 5

(D) Define ointments. Write the principle and procedure for white field ointment. 8

5. (A) Write a note on Double maceration process with suitable example. 8

(B) Discuss in detail about official medical gases and their uses. 8

OR

(C) Write a note on diagnostic uses of Radiopharmaceuticals. 5

(D) Write the principle and procedure for belladonna tincture. 8