14785

B. Pharmacy 4th Semester Examination

**Pharmaceutics-IV (Dispending &
Community Pharmacy) (O.S.)**

HBP-210

Time : 3 Hours   **Max. Marks : 80**

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Candidates are required to attend five questions in all selecting one question from each section A, B, C and D. Section E is compulsory. Use of non-programmable calculator is allowed.

SECTION - A

1. Write a comprehensive note on sources of errors in handling of prescription. What precautions should be taken during labeling of various dispensing products?   (8+8=16)

OR

Write the steps for calculation of doses for infants & elderly patients. Suppose the physician orders Amoxil (a misxicillin) 200 mg bd for a child whose weight is 10 kg. The label describes the recommended dosage usual child dosage 20-40 mg/kg/day in divided doses every 12 hours. Is this dosage safe?   (12+4=16)

2. Write a brief note on principles nurtured & produces adopted in dispensing of:

    (a) emulsion

    (b) ointments   (8+8=16)

OR

Write a brief note on principles motivated & procedure adopted in dispensing of:

(a) capsules (b) ophthalmic (8+8=16)

SECTION - C

3. Write a brief note on principles involved & procedures adopted in dispensing of:

(a) inhalations (b) paints (16)

OR

Write a brief note on physical & chemical incompatibles with suitable examples. (16)

SECTION - D

4. Describe the organization structure of community pharmacy. What are various legal requirement to be fulfilled in community pharmacy? (8+8=16)

OR

Write a comprehensive note on role of pharmacy in community health care and education. (16)

SECTION - E

5. Explain the following:

(a) The Doctor prescribe 6,50,000 mcg acetaminophen for your patient but the drug available in 325 mg tablets. How many tablets should you give?

(b) Displacement value

(c) Isotonic solution

(d) Lozenges

(e) Pastilles

(f) Incompatibilities in surface active agents.

(g) Incompatibilities of metal & their salt.

(h) Suppositions. (2×8=16)