Council for Technical Education and Vocational Training
Office of the Controller of Examinations
Sanothimi, Bhaktapur
Regular/Back/Special Exam-2080, Mangsir/Poush

Program:	Certificate in General Medicine	Full Marks: 60
Year/Part:	2nd Year (2016, New)	Pass Marks: 24
Subject:	Pharmacology & Pharmacy	Time: 3 hrs.

Candidates are required to give their answers in their own words as far as practicable
The figures in the margin indicate full marks.

Group 'B ' (Long Question)

Attempt Any Four questions.   [4x10=40]

1. Define Adverse drug Reactions (ADRs) Describe the types of [2+4+2+2] ADRs with examples. Write down the preventive measures of ADRs. Explain your role in minimizing ADRs.

2. Define pharmacokinetics. Describe the factors affecting [2+8] absorption of drugs.

3. Define Analgesic and Antipyretic agents. Describe MOA, [1+1+4+1 +1+1+1] indication, side effects, contraindication and dose of Indomethacin.

4. Define Antibiotics. Classify antibiotics on the basis of [2+4+1+1 +1+1] mechanism of action with examples. Write MOA, Uses, ADRs and contraindication of Tetracyclines.

5. Classify drugs used in peptic ulcer. Write MOA, Uses, [4+2+1+1 +1+1] Adverse effects, contraindication and Dose of omeprazole.

6. Classify Antihypertensive drugs. Write down the MOA, [4+2+2+1 +1] Adverse effects, Indication and contraindication of Amlodipine.

Group 'B ' (Short Question)

Attempt Any four questions.   [6x5=30]

7. Write down the MOA and indication of Azithromycin. [4+1]

8. Write MOA, Indication, Adverse effects, contraindication and [1+1+1+1 +1] Dose of Salbutamol.

9. Write pharmacological action, Indication, Adverse effects and [2+1+1+1] dose of oxytocin.

10. Define Dispensing. Write the steps of Drug dispensing. [2+3]
11. Write down the MOA, indication and dose of Albendazole. [1+4]
12. Define following terms: [5x1=5]
    a) Teratogenic drugs   b) Diuretics
    c) Sedatives & Hypnotics   d) Vaccine
    e) Plasma half life

Good Luck !