

Council for Technical Education and Vocational Training
Office of the Controller of Examinations
Sanothimi, Bhaktapur

Regular/Back/Special Exam-2080, Mangsir/Poush

Program: Diploma in Pharmacy

Full Marks: 80

Year/Part: Third Year (2014)

Pass Marks: 32

**Subject: Pharmacology &
Pharmacotherapeutics II**

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 'A' (Long Questions)

Attempt Any Three Question.

[3x8=24]

1. Define and classify Anti-Hypertensive drugs. Write down the MoA, indication, adverse effects and contraindication of propranolol.
2. What is diabetes mellitus. Classify the drug used in treatment of type-II DM. Write MoA, Uses, ADR and contraindication of insulin.
3. Define and classify Anti-cancer drugs. Write down the MOA, indication, adverse effects and contraindication of Doxorubicin.
4. Classify anti-depressant drugs. Write mechanism of action, side effect, therapeutic use and contraindication of Amytriptyline.

Group 'B' (Short Questions)

[6x5=30]

Attempt (Any Six) Questions.

5. Write down MOA, Indication, side effect and contraindication of Ramipril.
6. Define and classify anti-histamine. Write down Mechanism of action, Therapeutic use and dose of fexofenadine.
7. Define and classify skeletal muscle relaxant. Write Mechanism of action and therapeutic use of Tizanidine.

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8. Describe the Mechanism of action, indication, contraindication and precaution of oxytocin.
9. Classify anti-epileptic drug. Write the MOA and uses of phenytoin.
10. Write down the source, physiological function and deficiency associated with vitamin A.
11. Write down the MoA, indication and adverse effects of warfarin.

Group 'C' (Very Short Questions)

Attempt (Any Thirteen) Questions.

[13x2=26]

12. Write down the therapeutic uses and adverse effects of Testosterone.
13. Write down the MOA and uses of Telmisartan.
14. Define Nasal decongestant.
15. Define Hypothyroidism. Write the drug used in treatment of Hypothyroidism.
16. Why insulin is given through SC rather than IV route, as both drugs are ultimately enters into systemic circulation.
17. Write MoA and uses of Lignocaine.
18. Why carbidopa is given in combination with levodopa.
19. Discuss gene therapy with application.
20. Name the drugs used in scabies and pediculosis.
21. List out the Deficiency syndrome and uses of vitamin B6.
22. Write the antidote for paracetamol and organophosphate poisoning.
23. Define hypertensive crisis. Write name of drug used in treatment of it.
24. Define urinary alkalizer with example.
25. Write down the MOA of carbimazole.
26. Define demulcent and emollients with examples.

Good Luck!