

PHARMACOLOGY

NOVEMBER 2006

Total Duration: Section A + B + C = 3 Hours
Section B & C Marks 40

SECTION B (20 Marks)

2) Answer the following (5x2=10)

- A) Write 4-differences between ciprofloxacin and sparfloxacin.
- B) Write mechanism of action and four adverse effects of Digitalis.
- C) Write how adrenaline is effective in anaphylactic shock ?
- D) Write mechanism of action and four adverse effects of sulfonyl-ureas.
- E) Mention 4 drugs used in the treatment of typhoid fever .Write two adverse effects of any two of them.
- F) Write mechanism of action of ACE-Inhibitors in hypertension. Write their adverse-effects.

LAQ 10 Marks

3) A) Classify atropine substitutes.
Describe therapeutic uses and adverse effects of atropine.

SECTION C (20 Marks)

4) Write short answers (any five out of six):
(5x2=10)

A) Write four differences between competitive and noncompetitive drug antagonism

B) Mention four new drug-delivery methods of drug administration. Write two advantages and 2-disadvantages of transdermal method.

C) Write four drugs used in grand-mal epilepsy. Write mechanism of action of any two of them.

D) Write two advantages and two disadvantages of ketamine as general anaesthetic

E) Write two advantages and two disadvantages of COX II inhibitors.

F) Name two serotonin reuptake inhibitors
Write two advantages over conventional antidepressants .

LAQ 10 Marks

5) A) Classify NSAIDS. Describe adverse effects contraindications and therapeutic uses of aspirin.