DEPARTMENT OF PHARMACOLOGY

3RD CLASS TEST MBBS 3RD YEAR

DRUGS ACTING ON GASTRO INTESTINAL TRACT

Max Marks: 40 Time Allowed: 1 hour . (a) Classify drugs used for the treatment of peptic ulcer? b) Write down the Mechanism of action of NaHCO₃? Give triple regimn for eradication of H.pylori infection? (5+5)Describe in detail mechanism of action and adverse effect of: Cimetidine a Omeprazole 5 Enumerate antidiarrheal drugs? Classify laxatives/purgatives according to mechanism of action? (5+5)Write short notes on: Lactulose \a Metoclopramide

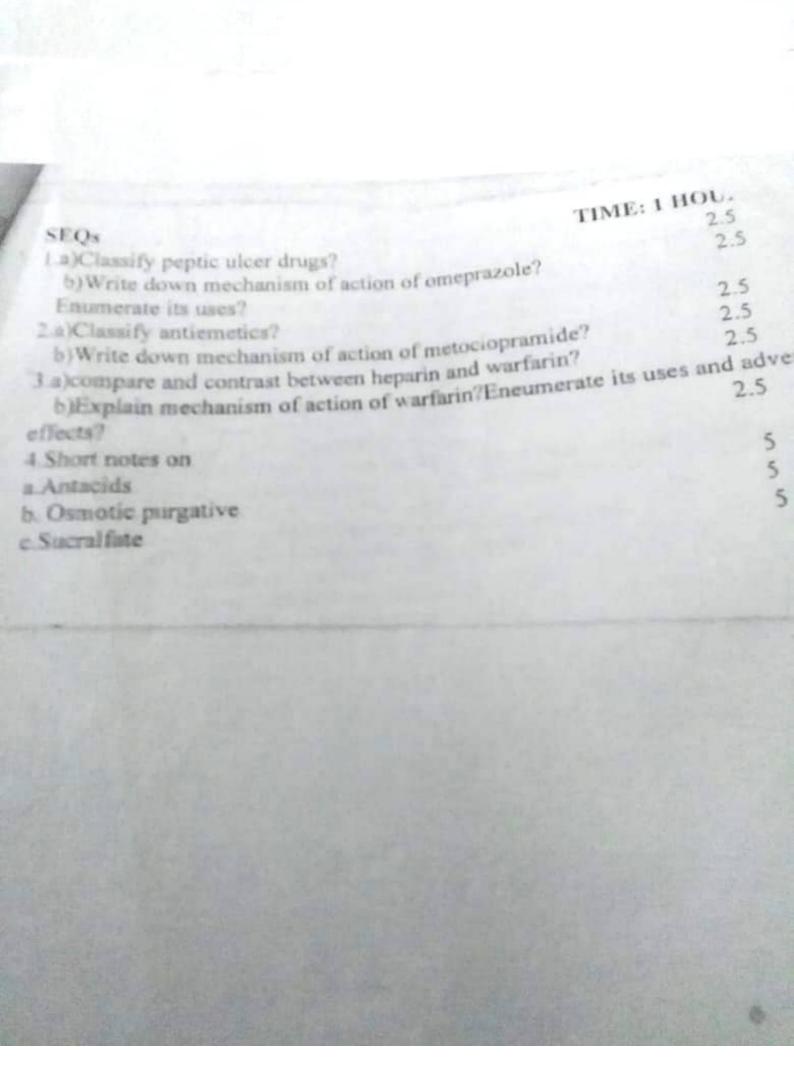
Adverse effects of Succingliholine
are:

1. HyperKalemia.

2. Muscle pain.

2. Muscle pain.

3. 1 intragastric and intraocular pressure.



ARTMENT OF PHARMACOLOG

MBBS 3rd YEAR

(General Pharmacology)

SEQ's

Time Allowed: 60min

Max Marks: 30

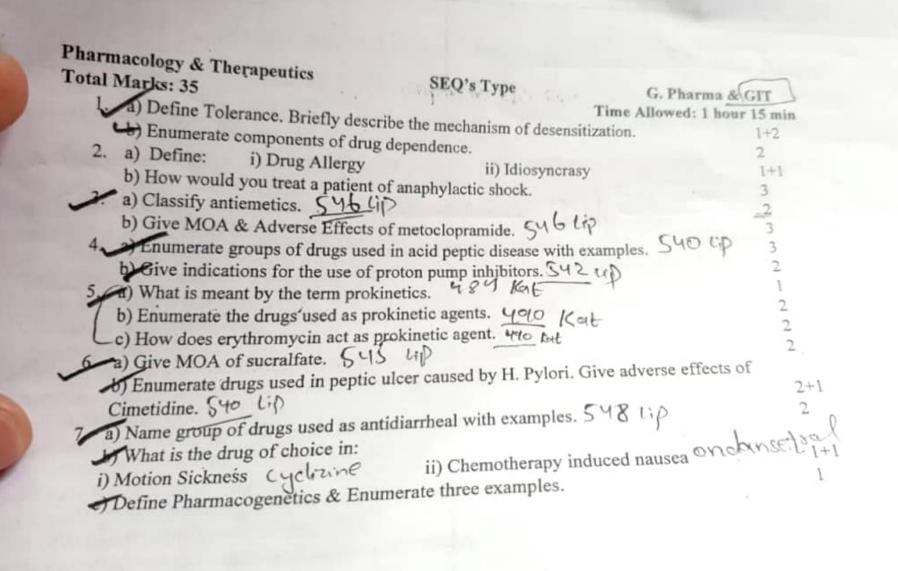
/	ion.4
Give advantages and disadvantages of intravenous routes of drug administration	2
Write down significance of ion trapping mechanism.	2
Define clearance. How is it calculated.	3
Enumerate Phase I reactions of biotransformation with example of each.	4
Write two differences between First and Zero order kinetics.	
Define following terms.	4
Bioavailability First pass metabolism	3
Describe the factors affecting absorption of drugs.	
Define volume of distribution. Enumerate factors affecting it.	
Give elitical significance of volume of distribution.	

Adverse effects of succingliholine are:

1. HyperKalemia.

2. Muscle pain.

3. 1 intragastric and intraowlar pressure.



·一日本一 1. 14 17 14 12 14 16 16 1

1st class Evaluation Test Pharmacology 3rd Year MBBS SEQ's Total Marks=35 Time Allowed:1:25 Min Q1: (a) What do you understand by parenteral route of drug administration? Write at least 3 advantages and 3 disadvantages of this course of the Course of t and 3 disadvantages of this route? NoTes — P#1 (b) A patient presented with acute aspirin toxicity due to overdose. Using your knowledge of aspirin (weak acid) pharmacoking tips. however, the cough urine? 3 Note acid) pharmacokinetics, how can you help this patient get rid of high plasma aspirin through urine? 3 Notes Q2: (a) What is Biotransformation? Write 3 possible consequences of Drug Metabolism with examples.1+3 No. 150 Explain First Page 555. (b) Explain First Pass Effect with one example of clinical significance. 1+2 Notes (3) Write down a comparison between zero and first order kinetics of elimination with examples. 3+1 Notes (b) Write down clinical significance of plasma protein binding of drugs with one example. Q4 (a) Write down different types of drug antagonism with examples. b. Enumerate major receptor families? Explain signaling through a G Protein coupled receptor. 2+2 Q5 Write notes on following with examples: (a) Drug Tolerance 2 (c) Enzyme induction and inhibition 2+2 (b) Therapeutic index 1-20L



Legel.

ISIT!

SEQs	Charles Control of the Control of th
La) Classify menticular during FUOP Lipping H	TIME: 1 HOUR
b) Write down mechanism of action of owners also	2.5
b) Write down mechanism of action of omeprazole? Enumerate its uses? GERD > gostric wiess.	gastners
DWrite down mach	$0 - \frac{1}{2.5}$
Write down mechanism of action of metoclopramide	2.5
3.a)compare and contrast between heparin and warfarin? b)Explain mechanism of action of warfarin?Eneumera	2.5
STOCIO.	2.5
4. Short notes on	2.3
- ** b. Osmotic purgative	5
Osmotic purgative	5
e.Sucraffate pg545 L	5
V man and the second se	- late motility

Opratropium.

Tiotropium

adidinium.

formoterol.

Salmeterol.

