

UNIVERSITY OF RUHUNA - FACULTY OF MEDICINE

THIRD BPHARM PART I EXAMINATION - JUNE/JULY 2017 ALLIED HEALTH SCIENCES DEGREE PROGRAMME PH 3153 PHARMACOLOGY III (SEO)

TIME: THREE HOURS

INSTRUCTIONS

- Answer all questions in the given booklets.
- No paper should be removed from the examination hall.
- Do not use any correction fluid.
- Use illustrations where necessary.

(networks)		
psis.	3.6. Briefly explain how a patient on total parenteral nutrition (TPN) can develop sepsis.	į,
(06 marks)	3.5. What is super ORS?	3.
(10 marks)	3.4. Name five ingredients included in oral rehydration solution (ORS).	ယ့
(15 marks)	3.3. List five therapeutic uses of laxatives.	μ.
(20 marks)	3.2. Briefly describe the mechanism of action of stool softeners.	3.
	3.1.4. Stimulants	
	3.1.3. Stool softeners	
	3.1.2. Osmotic laxatives	
	3.1.1. Bulk laxatives	
(24 marks)	3.1. Give two examples for each category of laxatives given below.	3.
(25 marks)	2.3. Describe the pharmacological basis of using warfarin in atrial fibrillation.	2.
(10 marks)	2.2.3. Write five indications for insulin.	
(10 marks)	2.2.2. Write two examples for each type mentioned in 2.2.1 above.	
(05 marks)	2.2.1. List the types of insulin according to the duration of action.	
(30 marks)	2.2.	2.3
rs.	2.1.2. Briefly discuss the mechanism of resistance for cell wall synthesis inhibitors	
(20 marks)	2.1.1. Briefly explain the mechanism of action of monobactams.	
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(10 marks)	1.4. List two drug interactions of methotrexate.	1.2
(40 marks)	1.3. Discuss the pharmacokinetics of methotrexate.	13
(20 marks)	1.2. Explain the pharmacokinetics of sulfonamides.	1.5
(30 marks)	1.1. Explain the mechanism of action of sulfonamides using a diagram.	—

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6.6.

Briefly describe the mechanism of action of one drug mentioned in 6.5 above.

(25 marks)