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Family Name					
Given Name/s					
Student Number					
Teaching Period	Semester 1, 2019				

PHA405 – Therapeutics A	DURATION	
	Reading Time:	10 minutes
	Writing Time:	180 minutes
INSTRUCTIONS TO CANDIDATES		
<p>The exam consists of 2 Sections (A & B).</p> <p>Section A (1-60): 60 marks. Please circle the correct answer on the question paper for this section. There is one correct answer for each question. You can use a pencil to circle the answers initially just in case you need to change them, but at the end of the exam, all your final answers should be circled using a pen.</p> <p>Section B (1-8): 40 marks. It should be answered in the 20-page booklet provided. Ensure that your name and student number have been written on the front page of the answer booklet.</p> <p>Total marks of the exam: 100 marks</p>		
EXAM CONDITIONS		
<p><u>You may begin writing from the commencement of the examination session.</u> The reading time indicated above is provided as a guide only.</p>		
This is a CLOSED BOOK examination		
No calculator is permitted		
No handwritten notes are permitted		
No dictionaries are permitted		
ADDITIONAL AUTHORISED MATERIALS	EXAMINATION MATERIALS TO BE SUPPLIED	
No additional printed material is permitted	1 x 20 Page Book 1 x Scrap Paper	

**THIS EXAMINATION IS PRINTED
DOUBLE-SIDED.**

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LEFT BLANK.**

Section A
Multiple Choice Questions
Total No. of Marks for this Section: 60

Please circle the correct answer on the question paper for this section. There is one correct answer for each question. You can use a pencil to circle the answers initially just in case you need to change them, but at the end of the exam, all your final answers should be circled using a pen.

Answer **ALL (60)** questions

Section B
Extended-Answer Questions
Total No. of Marks for this Section: 40

Please answer this section in the 20-page Answer Booklet provided. Ensure that your name and student number have been written on the front page of the answer booklet.

Answer all EIGHT (8) questions.
Marks for each question are indicated.

Question 1

There are four compensatory mechanisms activated in heart failure. What are the beneficial and detrimental effects of these compensatory mechanisms?

(6 marks)

Question 2

Counsel a patient about how to use glyceryl trinitrate spray. Include in your answer the precautions when using this device.

(5 marks)

Question 3

Describe the main characteristics of anginal chest pain.

(5 marks)

Question 4

What is the definition of hypoglycaemia? What are the signs? How should it be managed?

(6 marks)

Question 5

In relation to the emergency management of a suspected case of acute coronary syndrome, what does “MONA” stand for? Comment on the purpose of “MONA”.

(5 marks)

Question 6

“Triple Whammy” is a significant drug interaction. Comment on the types of agents involved in this interaction and the mechanism (i.e. how it occurs).

(5 marks)

Question 7

What measures should be taken to prevent contrast-induced nephropathy?

(3 marks)

Question 8

Counsel a patient about the correct use of salbutamol inhaler. Include in your answer the precautions when using this device.

(5 marks)

End of Section B

End of Exam Paper