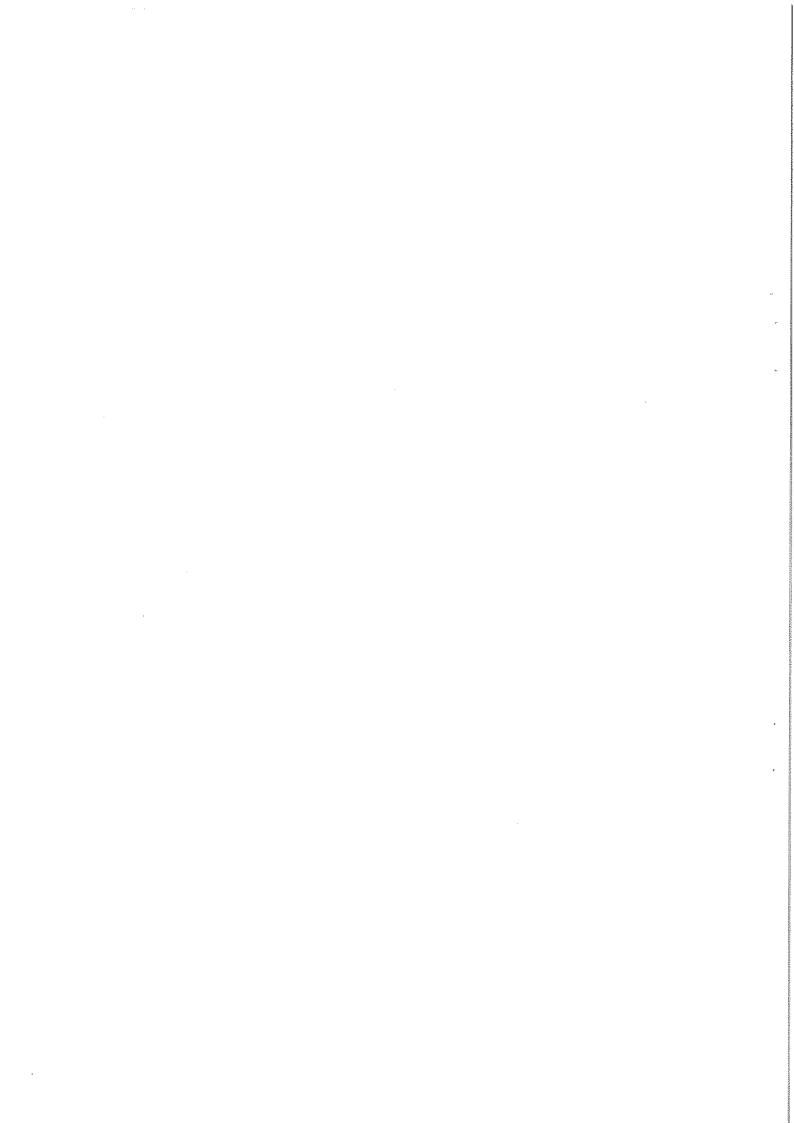
## BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS-LEVEL 03 MLU1142-ANATOMY AND PHYSIOLOGY FINAL EXAMINATION

	INDEX NO:	
	Part B –Short Answer Question	18
	(40 marks)	
Wri	te answers in the space provided.	
2.1	Define the term "cardiac output".	[5 marks]
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• • • • •		
		***************************************
2.2	Briefly explain the role of surfactant in the lung alveoli.	[ 10 marks]
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2.3	Write a brief account on the structure of a skeletal muscle fibre. [10 marks]
	Draw clearly labelled diagrams that show the changes in the blood levels of follicle
	ulating hormone (FSH), luteinizing hormone (LH), oestrogen and progesterone that occur ng a 28 day menstrual cycle
	[10 marks]

2.5 Draw a clearly labelled diagram that shows the structure of a typical neuron.

[5 marks]



## BACHELOR OF MEDICAL LABORATORY SCIENCES HONOURS-LEVEL 03 MLU1142-ANATOMY AND PHYSIOLOGY EINAL EXAMINATION

	LU1142-ANATOMY AND PHYSIOLOGY NAL EXAMINATION INDEX NO:
	Part C –Essay Questions
	(30 marks)
Aı	nswer only two (02) questions out of the three (03) questions.
W	rite answers in separate sheets.
1.	Describe the structure and functions of following organelles in a typical mammalian cell.  A. Mitochondrion B. Lysosome
	C. Ribosome [15 marks]
2.	Describe the mechanisms that prevent blood loss when a blood vessel is damaged.  [15 marks]
3.	Explain the role of the pancreas in digestion, absorption and metabolism of carbohydrates.  [15 marks]

-End-



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