BOWEN UNIVERSITY IWO COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE PURE AND APPLIED BIOLOGY PROGRAMME 2022/2023 FIRST SEMESTER EXAMINATIONS BLY 205: INTRODUCTORY PHYSIOLOGY

Instru	ectio	n: Answer question ONE and any two others Tim	e: 2hrs 20min
1.		(i) List the main macromolecules in cells (ii)Mention 2 (two) biological molecules that are present in the follostructures	(2 marks) wing cellular (8 marks)
	(b) (c)	(i) Chromatin (iii) Ribosome (ii) Plasma membrane (iv) Mitochondria Highlight five excretory products in plants and their uses to humans. Describe briefly the process of reproduction in animals	(10 Marks) (10 marks)
2.	(a) (b)	[12] [12] [13] [14] [14] [14] [14] [14] [14] [14] [14	(6 marks) (2 marks) (6 marks)
	(c)	사용 그는 그리고, 그래요 전에 살아가게 되었다면 하면 하면 다른 그는	(6 marks)
3.		rite extensively on the main organs of transportation in plants, describinatives and general characteristics.	ing their (20 Marks)
4.	Write short note on the following organs in animals		
	i. ii. iii. iv.	Stomach Lungs Heart Small intestine	(5 marks) (5 marks) (5 marks) (5 marks)
5.	(a)	List and explain the different types of gemination in plants	(10 marks)
	(b)	(i) What are cofactors?	(2 marks)
		(ii) List and explain any four (4) types of Enzymes	(8 marks)