BOWEN UNIVERSITY, IWO COLLEGE OF HEALTH SCIENCES NUTRITION AND DIETETICS PROGRAM 2021/2022 SECOND SEMESTER EXAMINATION

COURSE CODE: NTD 302

COURSE TITLE: PRINCIPLES OF HUMAN

CREDIT UNIT: 2

NUTRITION II

TIME: 2HRS

INSTRUCTION: ANSWER FOUR QUESTIONS IN ALL

1.	 a) Food and the nutrients it contains can interact with drug when taken. Discuss the i) Effect of food on drug intake ii) Effect of drug on food intake 	6.5marks 6.5marks
	b) Give 3 examples of drugs, it use and interactions with food	4.5marks
2.	a) What is bioavailability? Write briefly on	2 marks
	i) Bioavailability of minerals ii) Bioavailability of vitamins	7 marks 6 marks
	b) List 5 intrinsic factors to ingested foods that influences the rate of nutrient uptake from the gut.	2.5 marks
3.		10 marks
	b) Write briefly on these anti-nutrients and their effect on human health.	
	i) Saponin	3.5 marks
	ii) Oxalate	4 marks
4.	a) Write briefly on the following	
	i) Nutrient toxicity iv) EAR	
	ii) RDA v) AI	
	iii) Tolerable upper intake level	10 marks
	b) Mention 5 micronutrients, their tolerable upper intake levels and effects on adults	7.5 marks
5.	a) Write briefly on	
	i) Food-based dietary guidelines.	2.5 marks
	ii) Food and Nutrition security	5 marks
	b) Discuss the Dietary guidelines for Americans (2020-2025) and its key recommendations	
		10 marks
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