

Bms/15/16/0066

OLABISI ONABANJO UNIVERSITY

DEPARTMENT OF BIOCHEMISTRY

2017/2018 HARMATTAN EXAMINATION

COURSE CODE: BCH314

TIME: 2 hours

COURSE TITLE: NUTRITIONAL BIOCHEMISTRY

Instruction : Answer FOUR (4) questions in ALL

SECTION A

- 1a. State different classes of foods (5 marks)
- b. Write comprehensive notes on the biological importance of food substances (15 marks)
- 2a. Highlight different types of nutritional-related disorders (5 marks)
- b. Explain different biochemical ways/approaches to ameliorate/manage these disorders (15 marks)
3. Write notes on the following nutritional terms (i) Specific Dynamic action (5 marks)
- (ii) Protein Efficiency ratio (5 marks) (iii) Net Protein Utilization (5 marks)
- (iv) Biological value (5 marks)

SECTION B

1. (a) Write a short note on Body Mass Index and its significance.
- (b) Fill in the gaps below. (to be answered in your booklet)

	Causes	Age of onset	Clinical symptoms
Kwashiorkor			
Marasmus			
Obesity			

2. (a) Write concisely on the relationship between "Diet and Obesity"

OR

"Vegetarianism and health".

- (b) List Five (5) Nutritional interventions for preventing diseases.