

**BOWEN UNIVERSITY, IWO
COLLEGE OF HEALTH SCIENCES
NUTRITION AND DIETETICS
2020/2021 FIRST SEMESTER EXAMINATION**

COURSE CODE: NTD 315

TIME ALLOWED: 2 HOURS

COURSE TITLE: CLINICAL NUTRITION

INSTRUCTION: ANSWER FOUR QUESTIONS IN ALL

STUDENTS ARE ALLOWED TO CHECK WHO REFERENCE TABLE FOR WT & HT

Section A

1. Case study from nutrition clinic.

Teni is 18 month old girl from a fairly comfortable family background. However, her mother was busy as a result of recent political position which made Teni to have a full caregiver for some time. It was discovered at the nutrition clinic that Teni's body weight is on a downward line of WHO growth chart for 12 weeks. Her caregiver missed out the date for immunization. She currently weighs 9kg and 80cm tall.

In reference to this case study answer the following questions.

- i) What is percentage body wasting of Teni (3 marks)
 - ii) Is Teni within the criteria to be hospitalized in the ward? (3 marks)
 - iii) Give 5 reasons for her condition on a downward line graph (5 marks)
 - iv) How will you test Teni's appetite (6.5marks)
2. Elaborate on the management of SAM giving examples of catch up growth procedure (17.5 marks)
3. Enumerate on certain associated complications which occur in the management of malnutrition. (17.5 marks)

Section B

4. a. Write on nutritional requirements of the aged/elderly (9.5marks)
b. List four (4) problems that can affect the nutritional status of the elderly and mention one diet recommended to such problem. (8marks)
- 5 a. State similarities and differences between enteral and parental nutrition (9.5marks)
b. Write on two types each of both parental and enteral nutrition (8marks)
6. a. Discuss the importance and methods of nutrition screening in a hospital. (7.5marks)
b. Write extensively on the two major types of adverse food reactions (10 marks)