



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

**MAIN EXAMINATIONS
MAIN CAMPUS**

FOURTH YEAR SECOND SEMESTER EXAMINATIONS

**FOR THE DEGREE
OF
BACHELOR OF SCIENCE IN BIOCHEMISTRY**

COURSE CODE: SBM 425

COURSE TITLE: NUTRITIONAL BIOCHEMISTRY

DATE: TUESDAY, 26TH APRIL 2022

TIME: 8:00 – 10:00 A.M.

INSTRUCTIONS TO CANDIDATES

Answer ANY FOUR questions.

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. 

1. Discuss the metabolic significance of non starch polysaccharides. (17.5 marks)
2. Discuss the relationship between obesity and quality of life. (17.5 marks)
3. Describe the sources and metabolic roles of fats in the diet. (17.5 marks)
4. Discuss the significance of fruits and vegetables in heart health. (17.5 marks)
5. Describe the various causes of hypercholesterolemia and its health implications. (17.5 marks)
6. Describe, citing suitable examples, the assessment of nutritional status of vitamins. (17.5 marks)