



(University of Choice)

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

**MAIN CAMPUS
UNIVERSITY EXAMINATIONS**

2021/2022 ACADEMIC YEAR

MAIN EXAMINATIONS

SECOND YEAR SECOND SEMESTER EXAMINATIONS

**FOR
DIPLOMA IN APPLIED BIOLOGY**

COURSE CODE: DSB 037

COURSE TITLE: RESEARCH METHODS

DATE: MONDAY, 25TH APRIL 2022

TIME: 3:00 – 5:00 P.M.

INSTRUCTIONS TO CANDIDATES

Answer all questions in section A and any two questions from section B.

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

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

SECTION A (SHORT ANSWER QUESTIONS, 40 MARKS)

1. Explain the meaning of a patent. (5 marks)
2. List five functions of literature review. (5 marks)
3. State two advantages and two disadvantages of secondary data. (5 marks)
4. Define abstract as used in research proposal. (5 marks)
5. List five guidelines to consider when developing a research instrument. (5 marks)
6. Name three advantages and two disadvantages of use of interview as research instrument (5 marks)
7. State how intellectual property rights would benefit an average person. (5 marks)
8. List five elements the proposal introduction should cover. (5 marks).

SECTION B (ESSAY QUESTIONS, 30 MARKS)

9. Write an essay on the purposes of research. (15 marks)
10. Explain the use of observation as a research instrument. (15 marks)
11. Discuss the contribution of research to the development. (15 marks)