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(University of Choice)

MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY

(MMUST)

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

MAIN EXAM

2021/2022 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATION

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN EPIDEMIOLOGY AND
BIOSTATISTICS**

COURSE CODE: HEM 126

COURSE TITLE: BEHAVIORAL SCIENCES

DATE: 20/04/2022

TIME: 8.00-10.00 AM

**INSTRUCTIONS TO CANDIDATES: ANSWER ALL QUESTIONS IN SECTION A
AND ONLY TWO QUESTIONS IN SECTION B.**

TIME: 2 HOURS

MARKS: 70

MMUST observes ZERO tolerance to examination cheating

Paper Consists of 3 Printed Pages. Please Turn Over



SECTION A

SHORT ANSWERS – ANSWER ALL QUESTIONS IN THIS SECTION. (EACH QUESTION IS 4 MARKS / TOTAL MARKS = 40)

1. Describe the perspectives used in treating abnormal psychology.
2. Explain some of the fundamental characteristics of personality.
3. Explain the significance of the Bobo Doll experiment in studying children's behavior.
4. Explain how socio-cultural influences impact health behavior.
5. Enumerate the rights and obligations in the Sick Role according to Talcott Parsons.
6. Explain reinforcement and punishment in operant conditioning.
7. Explain the key factors for success in observational learning.
8. Describe examples of chemicals that influence behavior.
9. Using an example, describe the stages of behavior change.
10. Describe four defense mechanisms that psychoanalysts believe provide mental protection.

SECTION B

ESSAY QUESTIONS. ANSWER ANY TWO QUESTIONS. (EACH QUESTION IS 15 MARKS / TOTAL MARKS = 30)

1. Write an essay on how the Psychosocial approach differs from the Cognitive approach in personality development.
2. Discuss how the Health Belief Model can be used to determine the acceptability and uptake of a health program/intervention of your choice.
3. "Communication is a means of Survival". Discuss this statement with relevance to health and behavior change.

END