



MACHAKOS UNIVERSITY

UNIVERSITY EXAMINATIONS 2021/2022 ACADEMIC YEAR

SCHOOL OF ENVIRONMENT & NATURAL RESOURCE MANAGEMENT

DEPARTMENT OF ENVIRONMENTAL SCIENCES

1ST YEAR FIRST SEMESTER EXAMINATION

BACHELORS DEGREE IN ENVIRONMENTAL SCIENCE

ENS 134 ENVIRONMENT, TECHNOLOGY & DEVELOPMENT

INSTRUCTIONS

Answer question **ONE** and any other **TWO**

QUESTION ONE

- I) Define the term development continuum and give justification as to why it is so. (10 marks)
- ii) Explain the factors behind any technology change or technology development in any developing society (10marks)
- iii) Enumerate the most recent technology trends globally (10marks)

QUESTION TWO

Citing examples where possible, discuss the impacts of technology on the Kenyan environment. (20marks)

QUESTION THREE

Discuss the opportunities and challenges of Green technology implementation in Kenya (20marks)

QUESTION FOUR

Differentiate industrialization from urbanization and discuss their environment related characteristics (20marks)

QUESTION FIVE

Identify and discuss the much needed environmental resources and their importance in modern society
(20marks)