



DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY
UNIVERSITY EXAMINATIONS 2021/2022 ACADEMIC YEAR
STAGE TWO SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DIPLOMA IN
COFFEE TECHNOLOGY AND CUPPING

FFT 0214: ENVIRONMENTAL MANAGAMENT IN COFFEE

DATE: 6/12/2021

TIME: 11.00 A.M.-01.00 P.M.

INSTRUCTIONS: Answer all questions in section A and any other two in section B

SECTION A - [30 MARKS]

Question One

- a) Define E-waste (3MARKS)
- b) State FOUR categories of waste (4MARKS)
- c) Describe Radioactive (or nuclear) waste (3MARKS)

Question Two

- a) Define Fairtrade (3MARKS)
- b) List FOUR examples of E-waste (4MARKS)
- c) Outline THREE ecological conditions for growing coffee (3MARKS)

Question Three

- a) Discuss FIVE benefits of reducing waste (10MARKS)
- b) Explain how composting and recycling help reduce the amount of waste (10MARKS)

SECTION B – [40 MARKS]

Question Four

- a) Explain FIVE effects of improper rubbish removal (10MARKS)
- b) Discuss TWO classes of Hazardous waste (6MARKS)
- c) Briefly discuss FOUR problems caused by wastes (4MARKS)

Question Five

- a) Discuss below Environmental coffee products (9MARKS)
 - i. Eco-ok
 - ii. Bird friendly
 - iii. Rainforest alliance
- b) Discuss FIVE problems as of low coffee prices to the farmers. (5MARKS)
- c) Explain THREE Environmental of Sun-grown and Shade-grown Coffee (6MARKS)

Question Six

- a) Explain Huntsville waste management strategies (10MARKS)
- b) Name THREE main ways to dispose nuclear waste (6MARKS)
- c) Name categories of hazardous waste (4MARKS)