

071604T4AME

Agricultural Machinery and Equipment Level 4

ENG/OS/AME/CR/03/4/A

Apply Digital Skills in Agricultural Systems

3 Hours

March/April 2023



THE KENYA NATIONAL EXAMINATIONS COUNCIL

PRACTICAL ASSESSMENT

INSTRUCTIONS TO CANDIDATE

1. Time allocation: **30 minutes** for preparation and **3 Hours** for performing the tasks.
2. In this practical assessment, you are required to perform the following tasks on the tractor:
 - i. Perform Daily checks on digitized system or components.
 - ii. Perform Alternator voltage output test and voltage drop tests.
 - iii. Perform Anesthetic machine operation and safety/Diagnostic checks

*This paper consists of **TWO (2)** printed pages.*

Candidates should check the question paper to ascertain that both pages are printed as indicated and that no questions are missing.

3. You are provided with the following tools and Equipment

- a) Aprons
- b) Goggles
- c) Masks
- d) Safety boots
- e) Sensors-Temperature
 - i. -Fluid flow sensor
 - ii. -Testoscope
- f) First aid kit
- g) Scan tool for Engine
- h) Pressure gauge for tyres and source of compressed air
- i) Digital Multi Meter
- j) Tool box
- k) Service manual (for the tractor)
- l) Tractor in good working condition
- m) 20 liters diesel (for all)
- n) Wooden blocks