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071906T4AEN

AGRICULTURAL ENGINEERING LEVEL 6

ENG/OS/AGR/CR/04/6/A

Perform Soil and Water Conservation Activities

Nov/Dec 2024

TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION COUNCIL (TVET CDACC)

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PRACTICAL ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks in pairs.
    a. Map the Negarim construction area
    b. Construct **A –** frame structure 1m wide and 2m high
    c. Determine the percentage slope of the land using the A-frame
    d. Use the **A** - frame structure and lay out the contour across the field and mark with pegs
    e. Construct three levels of Negarims micro catchments

2. You have been provided with the following resources for the practical tasks:

- Jembe/mattock
- Spade
- Gently sloping land
- Manilla string/Sisal twine
- Cotton wool for wiping hands
- Liquid soap
- Running water
- Claw hammer
- Hand saw
- Tape measure
- Nails 2 inch
- Wooden Pegs
- Tri-square
- Panga
- Timber 1inch by 1 inch 2.5m long
- Timber 1 inch by 1 inch 1 m long
- Plumb bob
- White lime

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