

**073206T4CEN**

**CIVIL ENGINEERING TECHNICIAN LEVEL 6**

**CON/OS/CET/CR/12/6**

**Construct Onsite Sanitation Facilities**

**July/Aug 2025**



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

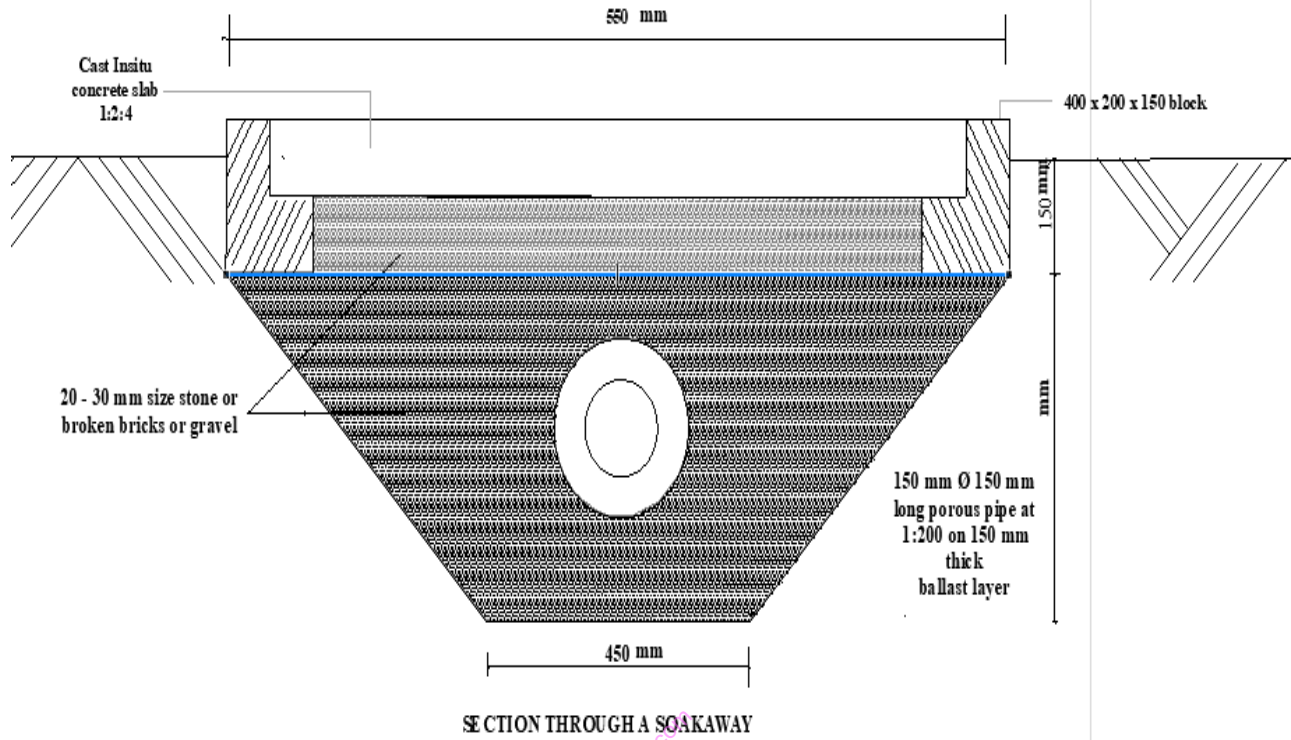
**PRACTICAL ASSESSMENT**

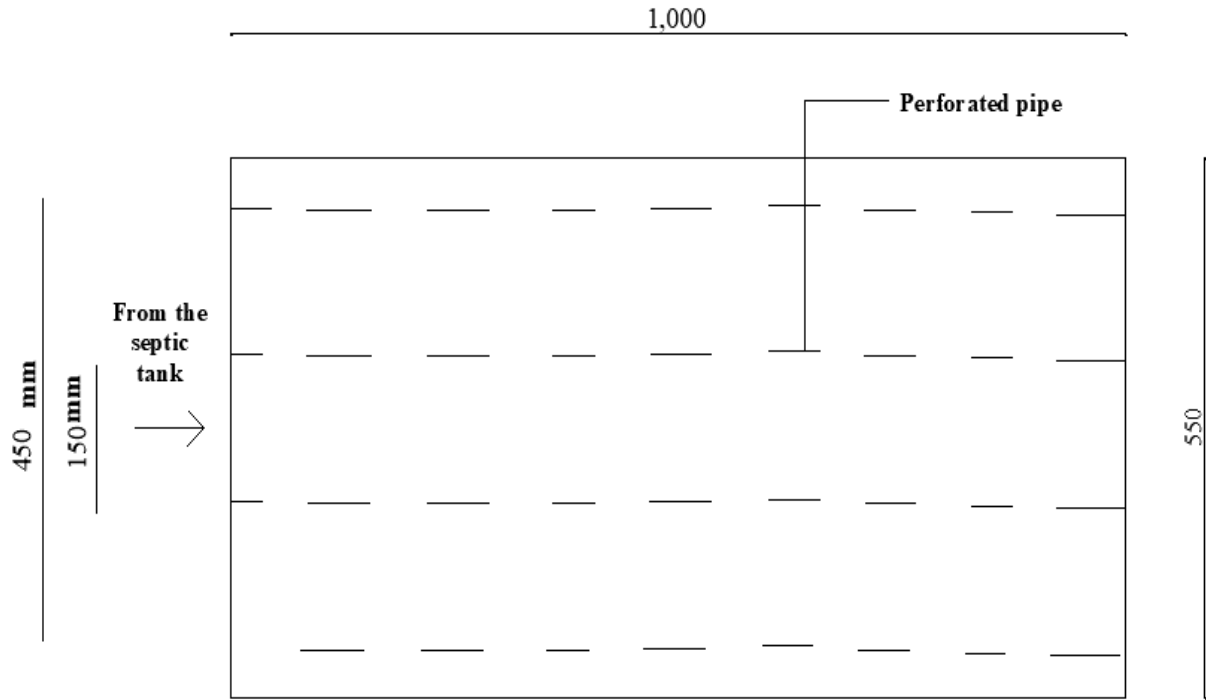
**Time: 6 HOURS**

**INSTRUCTIONS TO CANDIDATE:**

1. Using drawing 1, you are required to construct a soak away unit. Perform the following tasks
  - i. Clear the site, remove the top soil and excavate the soakaway
  - ii. Fill the soakaway unit with hand packed 20 – 30 mm size stone or broken bricks or gavel to height of 275mm as per the drawing.
  - iii. Perforate and lay the pipe in the central position as shown in the drawing.
  - iv. Backfill with 20 – 30 mm size stone or broken bricks or gavel as appropriate
  - v. Construct walling as shown in the drawing
  - vi. Batch, mix and cast insitu concrete slab
2. You have been provided with the following resources for the practical tasks:

Required tools	Required materials
<ul style="list-style-type: none"> <li>• Slasher / panga</li> <li>• Jembe</li> <li>• Spade/ Shovel</li> <li>• Trowel</li> <li>• Plumb bob</li> <li>• Tape measure</li> <li>• Wheelbarrow</li> <li>• Masons hammer</li> <li>• Claw hammer</li> <li>• Builders line</li> <li>• Spirit level</li> <li>• 5'' Nail</li> <li>• Builders square</li> <li>• Pegs</li> </ul>	<ul style="list-style-type: none"> <li>• PVC pipe</li> <li>• Lime</li> <li>• DPM</li> <li>• Timber</li> <li>• Sand</li> <li>• Ballast</li> <li>• Stones / broken bricks /gravel</li> <li>• Blocks</li> <li>• Water</li> <li>• Light gauge weld mesh</li> </ul>





**PLAN OF A SOAK AWAY**

**DRAWING 1**