

083106T4AQC

AQUACULTURE MANAGEMENT LEVEL 6

AQ/OS/AT/CR/04/6/A

Produce Grow-Out Fish

March/April 2025



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

PRACTICAL ASSESSMENT

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be evaluated: <i>please award marks as appropriate. Give a brief comment on your observation.</i>	Marks available	Marks obtained	Comments
WEAR PERSONAL PROTECTIVE EQUIPMENT			
1. Worn personal protective equipment • Gumboots • Dust coat • Gloves • Face mask	1 1 1 1		
<i>(Award 1 mark for each PPE worn × 4 = 4 m)</i>			
ASSEMBLE REQUIRED TOOLS AND EQUIPMENT			
2. Identified and assembled the tools, materials and equipment required to carry out the task	5		
<i>(Award 5 marks for all assembled tools = 5 marks)</i>			
TASK 1: MEASURE SIZE OF THE POND			
3. Measured the size of the fishpond • Measured the length of the pond • Measured the width of the pond • Calculated the area of the fishpond	2 2 2		
<i>(Award 2 marks for each activity done × 3 = 6 marks)</i>			

4. Measured and correctly calculated the pond size. $\text{Pond size} = \text{Length} \times \text{Width}$ $= 10 \times 5$ $= 50\text{m}^2$ (Award 2 marks for activity done $\times 1 = 2$ marks)	2		
Sub-total 1	17		
TASK 2: CALCULATE THE AMOUNT OF UREA FERTILIZER NEEDED TO FERTILIZE THE POND			
5. Calculated the amount of fertilizer needed to fertilize the pond Used application rate of 2–3 g of UREA per meter square per application. (Award 2 marks each activity done $\times 1 = 2$ marks)	2		
6. Appropriately and accurately calculated the amount of urea fertilizer needed based on pond $\text{Fertilizer needed} = \text{Application rate}$ $= 3 \times 50$ $= 150\text{g of UREA}$ (Award 4 marks for activity done $\times 1 = 4$ marks)	4		
Sub-total 2	6		
TASK 3: FERTILIZE THE POND			
7. Prepared the fertilizer solution - Measured the required amount of UREA fertilizer - Dissolved the measured fertilizer in a bucket of water - Stirred thoroughly until fully dissolved - Ensured the solution is uniform (Award 2 marks for activity done $\times 4 = 8$ marks)	2 2 2 2		
8. Applied the prepared fertilizer Walked around the pond while carrying the dissolved fertilizer solution.	2		

- Gradually poured the solution into the pond - Ensured even distribution across the water surface. - Avoided pouring in one concentrated area.	2 2 2		
(Award 2 marks for activity done $\times 4 = 8$ marks)			
9. Observed the fishpond Monitored any immediate changes in the pond e.g. change in water color	2		
(Award 2 marks for activity done $\times 1 = 2$ marks)			
Sub-total 3	18		
TASK 4: DOCUMENT THE ACTIVITY			
10. Documented the following on the notebook - Pond dimensions - Amount of fertilizer used - Method of application - Observations post-application	1 1 1 1		
(Award 1 mark for each activity done $\times 4 = 4$)			
Sub-total 4	4		
Total	45		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent <input style="width: 50px; height: 30px; border: 1px solid black;" type="checkbox"/> Not yet Competent <input style="width: 50px; height: 30px; border: 1px solid black;" type="checkbox"/> (Please tick as appropriate) (The candidate is competent if the candidate obtains at least 50%)			
Feedback from the Candidate:			
Feedback to the Candidate:			

Candidate Signature _____	Date: _____
Assessor's Signature _____	Date _____