

083105T4AQC

AQUACULTURE MANAGEMENT LEVEL 5

AQ/OS/AT/CR/01/5/B

Set Up Fish Pond

Nov/Dec 2024



**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
TASK 1: POND SITE SURVEY			
1. Wore PPEs: • Gumboots • Gloves • Mask • Apron <i>(Award 1 mark for each PPE worn)</i>	4		
2. Assembled all materials, tools and supplies before beginning the tasks as per the tasks involved. <i>(Award 3 marks for assembling all materials before beginning the task)</i>	3		
3. Took a walk in all areas of the farm and identified a suitable site for pond construction. <i>(Award 3 marks for surveying the school farm and identifying a suitable site)</i>	3		
4. In the foolscaps provided, documented the reasons for settling on the selected pond construction site/area.	8		

Documented the reasons for selecting a suitable site such as proximity to a water point, type of soil, topography, security, accessibility. <i>(Award 2marks x 4points.)</i>			
Sub-Total 1	18		
TASK 2: PEGGING AND LAND CLEARING			
5. Established a benchmark using one peg <i>(Award 2 marks for establishing a benchmark)</i>	2		
6. Pegged a square area of 5m by 5m <i>(From the benchmark, accurately using the tape measure, measured 5m and achieved a square area of 5m all round, award 5 marks for accurate measurements)</i>	5		
7. Cleared the land. <i>(Using slasher, panga, jembe or a hoe, cleared and raked all vegetation, tree stumps and stones making the site workable. Award 5 marks for land clearing)</i>	5		
8. Pegged a rectangle of 2m by 1m. <i>(Award 5 marks for using one peg from the pegged square as a benchmark/having created a new benchmark, accurately measured length and width thereby coming up with a rectangle measuring 2m by 1m within the cleared area.)</i>	5		
	17		

Sub-Total 2			
TASK 3: PERFORM SOIL ASSESMENT; RIBBON TEST METHOD			
9. Collected soil sample within the pegged rectangular area. <i>(Award 3 Marks for collecting soil sample by digging 10 to 15cm using a hoe/ forked jembe and scooping the soil.)</i>	5		
10. Performed ribbon test. - Placed the scooped soil in the palm – 2marks - If the soil is dry, added water drop by drop until it's like a modelling clay and rolled it into a cigar shape – 4 marks - Placed the cigar shaped soil between the finger and thumb and gently pressed to form a ribbon – 2 marks	10		
11. Described the ribbon obtained and commented on the suitability of the soil for constructing an earthen pond. The descriptions and comments may be: - If the soil forms a ribbon that feels gritty, it contains elements of sand and therefore not suitable for construction - If the soil is not able to form a ribbon, it is not suitable for pond construction.	6		

If the soil forms a long ribbon and is neither gritty nor smooth but stick, the soil is clay and is suitable for pond construction <i>(Award 3 marks for describing the ribbon and 3 marks for commenting on its suitability-based on observed results)</i>			
12. Cleaned and stored all the tools, equipment and materials used. <i>(Award 2 marks for collecting, cleaning and properly storing all used materials.)</i>	2		
13. Collected and properly disposed waste. <i>(Award 2 marks for collection and disposal of wastes generated e.g. cleared vegetation, packages etc.)</i>	2		
Sub-Total 3	25		
GRAND TOTAL	60		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent
☐
Not yet Competent
☐

(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
_____	_____

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