

073106T4LAS

LAND SURVEY LEVEL 6

LSM/OS/LS/CR/03/6/A

Conduct Cadastral Survey

Nov/Dec 2024



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

PRACT**MENT****OBSER****CKLIST**

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
1. Identified and used PPEs appropriately. • Apron /Dust coat • Boots / Closed shoes (Award 1 marks for each PPEs = 2 marks)	1 1		
Sub -Total 1	2		
Task 1: Set out a rectangular parcel.			

2. Marked points A, B, C and D	2		
3. Correctly measured distances between the points	2		
4. Checked the diagonals of the rectangle <i>(Award marks as indicated = 6 marks)</i>	2		
Sub-Total 2	6		
Task 2: Established Control Points			
5. Identified and marked points P and Q	2		
6. Measured the 25m distance between P and Q	1		
7. Picked the coordinates of P and Q using handheld GPS receiver	2		
8. Recorded the GPS coordinates <i>(Award marks as indicated = 8 marks)</i>	2		
Sub-Total 3	8		
Task 3: Observed and recorded bearings of points ABCD			
9. Set up the instrument at the established point P. • Centering • Levelling • Focussing	2		
10. Properly oriented the instrument to Q.	2		
11. Observed points A, B, C and D respectively and recorded bearing and distances <i>(Award marks as indicated = 14 marks)</i>	2		
Sub-Total 4	14		
Task 4: Computed the area of the parcel			

12. Computed the X and Y coordinates of the parcel corners	4		
13. Calculated the area of the parcel using coordinate method (Award marks as indicated = 9 marks)	5		
Sub- Total 5	9		
Task 5: Prepared a cadastral plan			
14. Prepared a cadastral plan • Choice of scale • Accuracy of plotting • Neatness and completeness • Grid lines • Correct labelling (Award marks as indicated = 11)	2 2 2 2 3		
Sub- Total 6	11		
Total	50		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet competent ☐ (Please tick as appropriate) (The candidate is competent if s/he gets at least 50%)			
Feedback from candidate:			
Feedback to candidate:			
Candidate's Signature		Date	
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Assessor's/ verifier's signature		Date	
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