

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/12/6

Perform System Analysis and Design

Nov/Dec 2024



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

PRACTICE ASSESSMENT

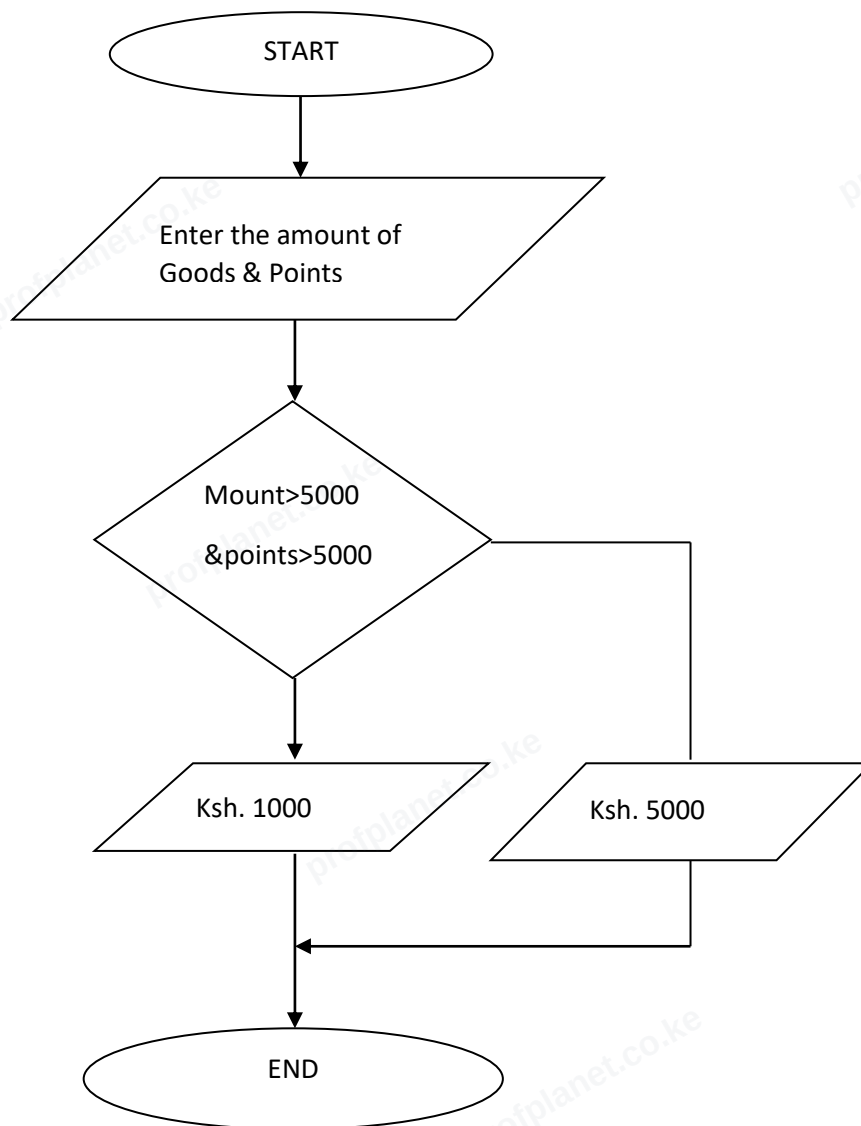
OBSERVATION CHECKLIST

Candidate's name & Registration No.			
Assessor's name & Reg. Code			
Venue of Assessment			
Date of assessment			
<i>(Award mark(s) appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
Items to be evaluated:	Marks Available	Marks Obtained	Comments
TASK 1: DRAW A FLOWCHART DIAGRAM			
i. Used the terminal symbols to indicate the start of the process (Award 1 Mark)	1		
ii. Used the input symbol to read the amount (Award 2Marks)	2		
iii. Used the decision symbol to determine the reward (Award 4 Marks)			
iv. Used the output symbol to output the reward (Award 2Marks)	2		
v. Used the terminal symbols to indicate the end of the process (Award 1Mark)	1		
vi. Draw the correct data flow diagram (Award 5Mark)	5		
Sub-Total 1	15		
TASK 2: DRAWN A DECISION TREE			
i. Constructed squares to represent the modules (Award 3Marks)	3		

ii. Used lines to connect the modules (Award 2Marks)	2		
iii. Drew the correct decision tree (Award 5Marks)	5		
Sub-Total	10		
TASK 3:DRAWN ENTITY RELATIONSHIP DIAGRAM (ERD)			
i. Identified the primary and foreign keys on the ERD (Award 3 marks)	3		
ii. Identified the relationships in the table (Award 2 marks)	2		
iii. Used the correct symbols to draw the ERD (Award 5 marks)	5		
Sub-Total 3	10		
GRAND TOTAL	40		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ t yet competent ☐ (Please tick as appropriate) (The candidate is competent if s/he gets 50% or higher of the items of evaluation correct)			
Feedback to candidate:			
Feedback from candidate:			
Candidate's Signature _____	Date _____		
Assessor's Signature _____	Date _____		

END

MODEL FLOW CHART



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