

Candidate's Examination Number.....

SMZ

ZANZIBAR EXAMINATIONS COUNCIL

FORM THREE ENTRANCE EXAMINATION

058

TECHNICAL DRAWING

TIME 2:30 HOURS

SATURDAY 07TH DECEMBER, 2019 P.M

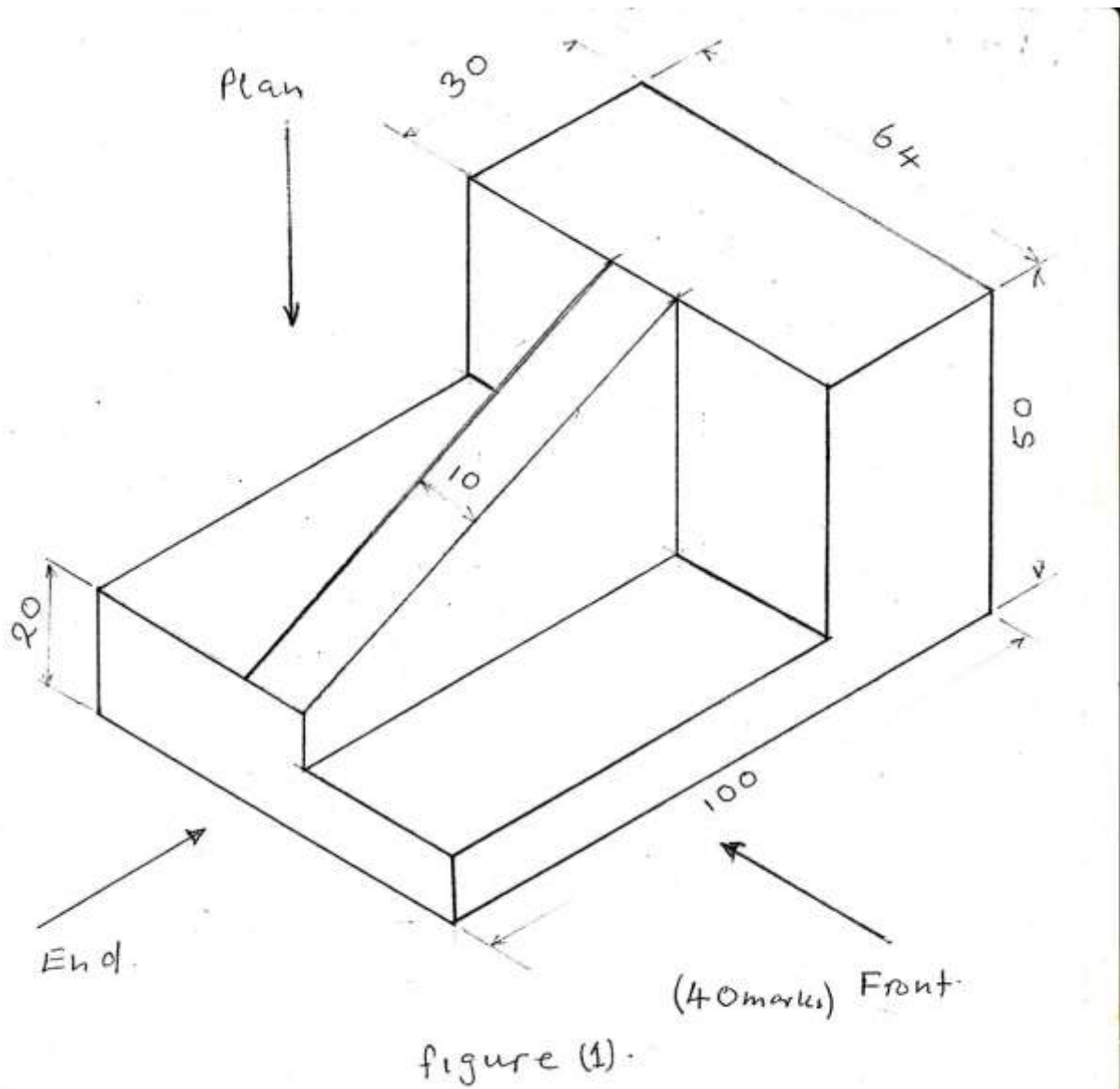
INSTRUCTIONS TO CANDIDATES

- 1. This paper consists of six (6) questions.**
- 2. Answer question number one (1) and any other three (3) questions.**
- 3. ALL dimensions are in millimeters (mm).**
- 4. Write your examination number on every page.**
- 5. Cellular phones are not allowed in the examination room.**
- 6. Use a blue or black pen in writing and drawing must be in pencil.**

FOR EXAMINER'S USE ONLY		
Question number	Marks	Signature
1		
2		
3		
4		
5		
6		
TOTAL		

This paper consists of 4 printed pages.

1. From the given figure 1 below, draw the front elevation, end elevation and plan in first angle projection.



2. a) Name five (5) components used in a title block.

- b) Draw the projection symbols of the first angle and third angle projections.

3. a) Draw a line of 150mm then divide it into seven (7) equal parts.
b) Draw an angle of 180° and then bisect it.

4. a) Construct an angle 60° and 45°
b) List five (5) drawing instruments with their applications.

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- 5 Describe a circle about triangle given sides $AB = 45\text{mm}$, $BC = 55\text{mm}$, $AC = 40\text{mm}$.
6. a) Find the centre of an arc of radius 70mm .
b) Drop a perpendicular from a point to a line of 120mm .