



**CONSTRUCTION DRAWINGS 1A
CDRCED1
FINAL SUPPLEMENTARY EXAMINATION 2019**

FACULTY:	ENGINEERING AND BUILT ENVIRONMENT
DEPARTMENT:	CONSTRUCTION MANAGEMENT AND QUANTITY SURVEYING
COURSE CODE:	CONSTRUCTION DRAWINGS 1A (CDRCED1)
EXAMINER:	MR O. A. OGUNTONA
MODERATOR:	MR D.O AGHIMIEN
DATE:	8TH JANUARY 2020
TIME:	3 HOURS
TOTAL MARKS:	100

INSTRUCTIONS: (Read Carefully)

Ensure your **SURNAME & INITIALS**, **STUDENT NUMBER** and **COURSE CODE** is clearly and boldly written on the **A3** drawing sheet, assessment booklet and the question paper provided.

Answer **ALL** questions and use **PENCIL** when drawing.

No cell phones or other electronic devices are allowed in the examination.

SECTION A Question should be answered on the provided **A3** drawing sheet.

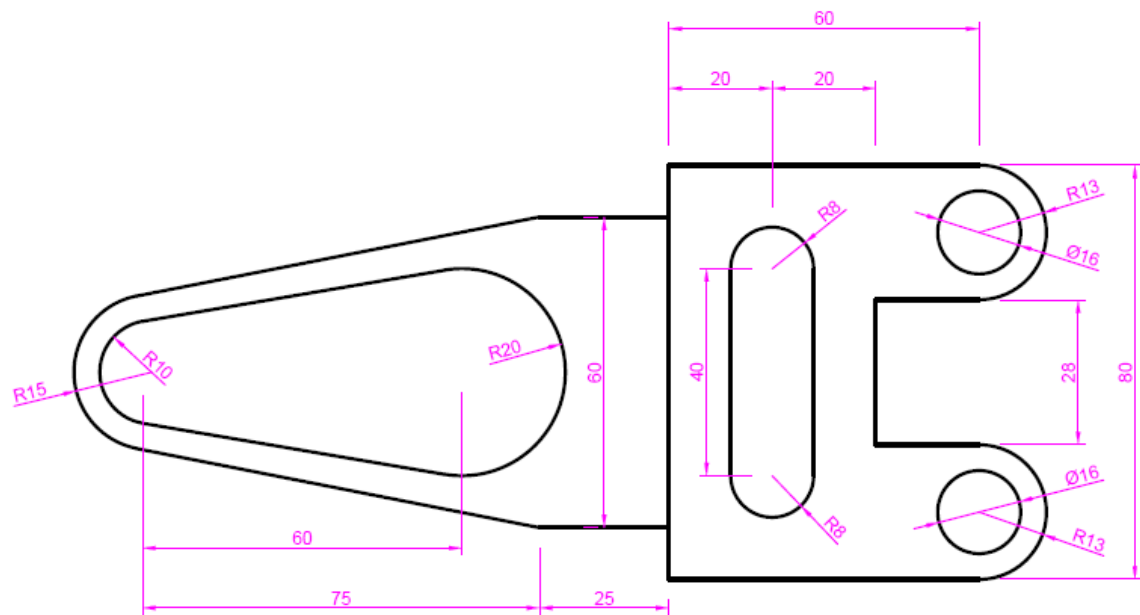
SECTIONS B, C and D Questions should be answered on the provided assessment booklet.

SURNAME & INITIALS: _____

STUDENT NUMBER: _____

SECTION A

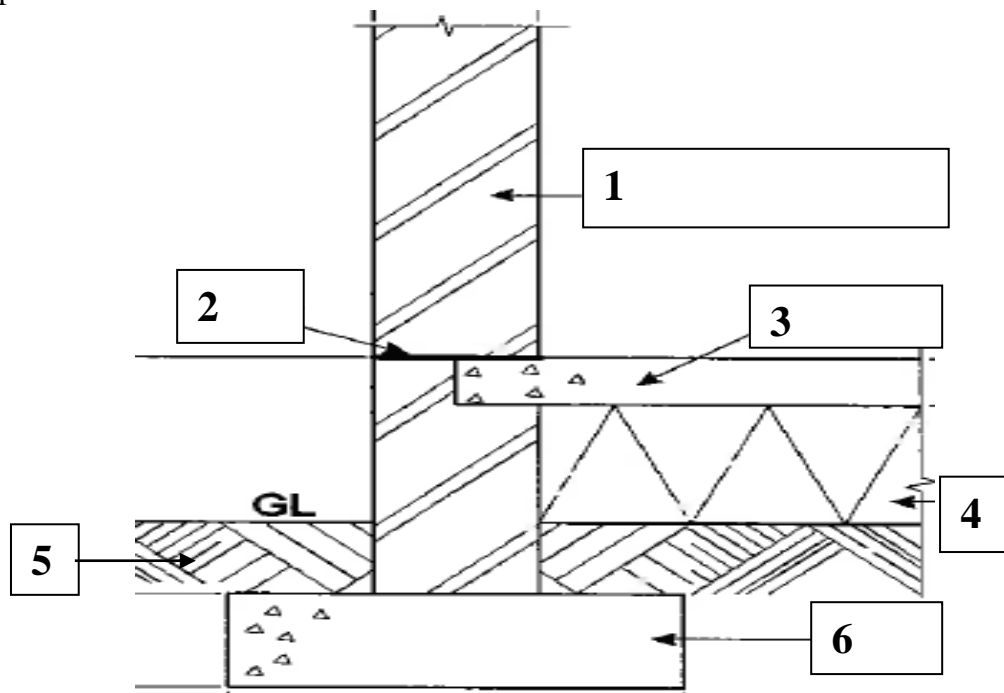
Using **scale 1:1**, reproduce the given diagram below. Draw the **front view**, **top view** and **right-side view**. Fully annotate and dimension the drawing.

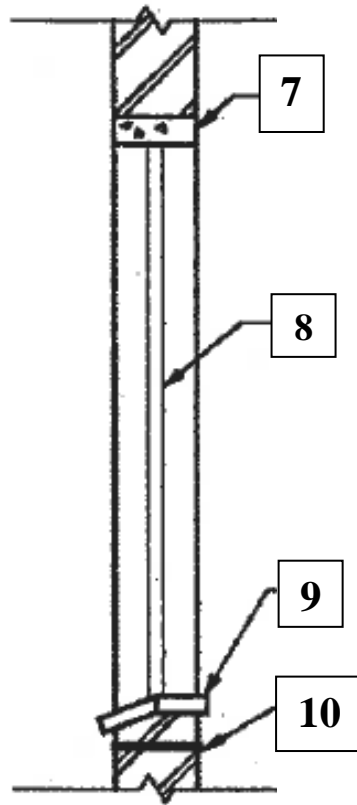


[40 marks]

SECTION B

Using the diagram below, answer the corresponding questions by identifying the missing parts.

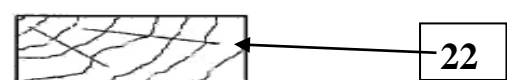
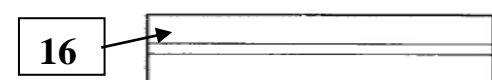
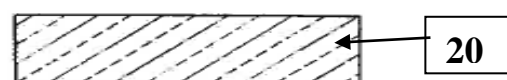
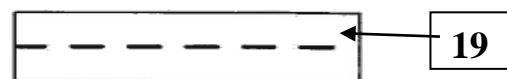
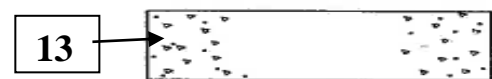
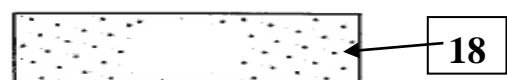
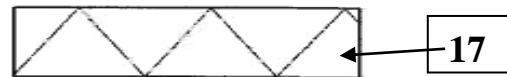




[10 marks]

SECTION C

Using the diagrams below, answer the corresponding questions by identifying the materials in section represented by the hatching styles.



23. _____ are beams spanning across openings to carry the loads above the opening.

24. The size of an A3 drawing paper is _____ mm X _____ mm.

25. The height of the floor level to the underside of all lintels is _____ mm.

[15mark]

SECTION D

a) Draw a freehand sketch of a brick (fully dimension and annotate your drawing to show all parts of the brick). **[5mark]**

b) List ten (10) drawing instruments. **[10mark]**

c) Draw a freehand sketch of strip foundation in section with a 110mm wall (fully dimension and annotate your drawing). **[10mark]**

d) List 10 components of a roof member. **[10mark]**