



CONSTRUCTION DRAWING (CDRCOA1) FIRST SEMESTER SUPPLEMENTARY EXAMINATION 2019

FACULTY:	ENGINEERING AND BUILT ENVIRONMENT
DEPARTMENT:	CONSTRUCTION MANAGEMENT & QUANTITY SURVEYING
COURSE CODE:	CONSTRUCTION DRAWING CDRCOA1
EXAMINER:	MR O. A. OGUNTONA
MODERATOR:	PROF. W.D THWALA
DATE:	JULY-2019
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 and the question paper.

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

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

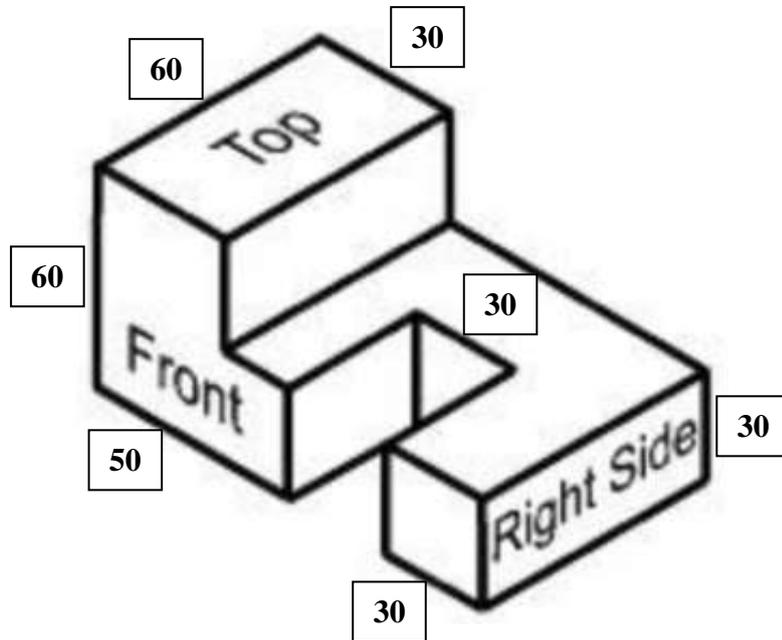
Questions 1, 2, 3, 4 and 5 should be answered on A3 drawing sheet.

SURNAME & INITIALS: _____

STUDENT NUMBER: _____

QUESTION ONE

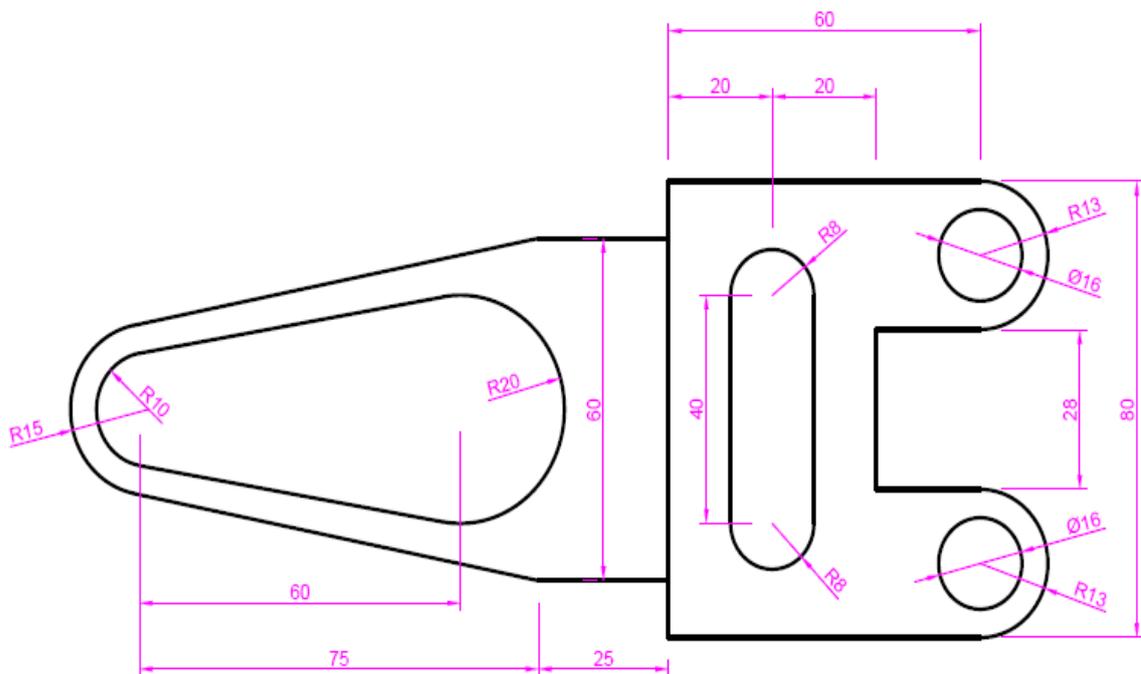
Using scale 1:1, reproduce the given diagram below. Draw the **front view**, **top view** and **right-side view**. Fully annotate and dimension the drawing.



[20 marks]

QUESTION TWO

Using scale 1:1, draw the given diagram below. Fully annotate and dimension the drawing.

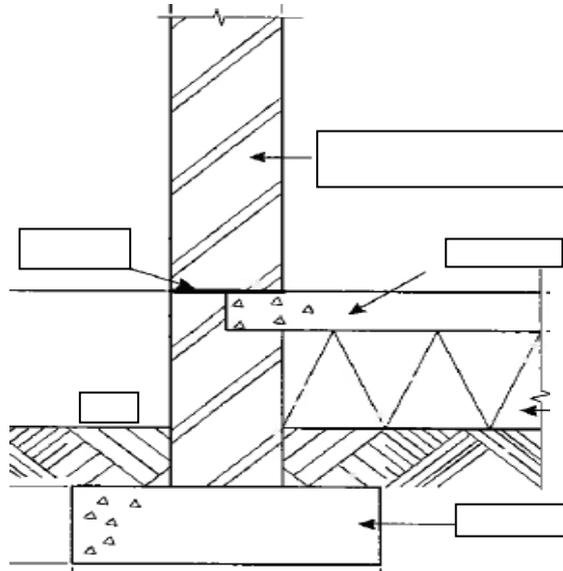


[20 marks]

[15 marks]

QUESTION THREE

The diagram below is a strip foundation for an external wall. Reproduce the drawing to Scale 1:50. Fully dimension and annotate your drawing.

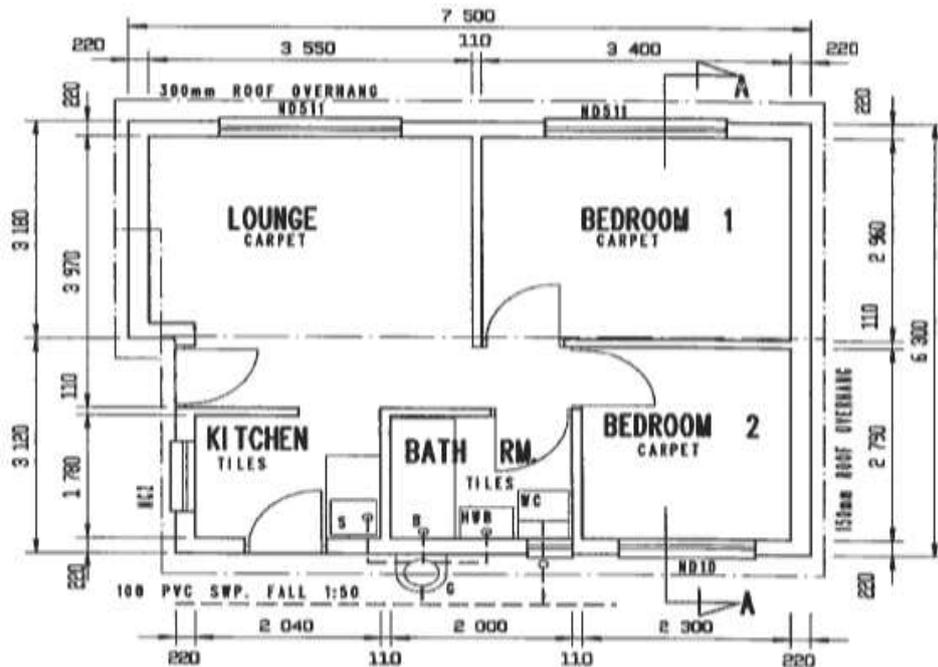


[20 marks]

QUESTION FOUR

The diagram below is the floor plan of a two-bedroom bungalow, draw **the LEFT-SIDE** and **BACK** elevation. Use the information provided below:

- Scale: **1:100**, Roof eaves/overhangs: **600mm** (all-around)
- Roof pitch: **30 degrees**, Window (WD511): **(H)1200 X 1500mm(W)**
- Facia boards: **12 X 250mm**, Height of wall: **2800mm**
- FL to lintel underside: **2100mm**



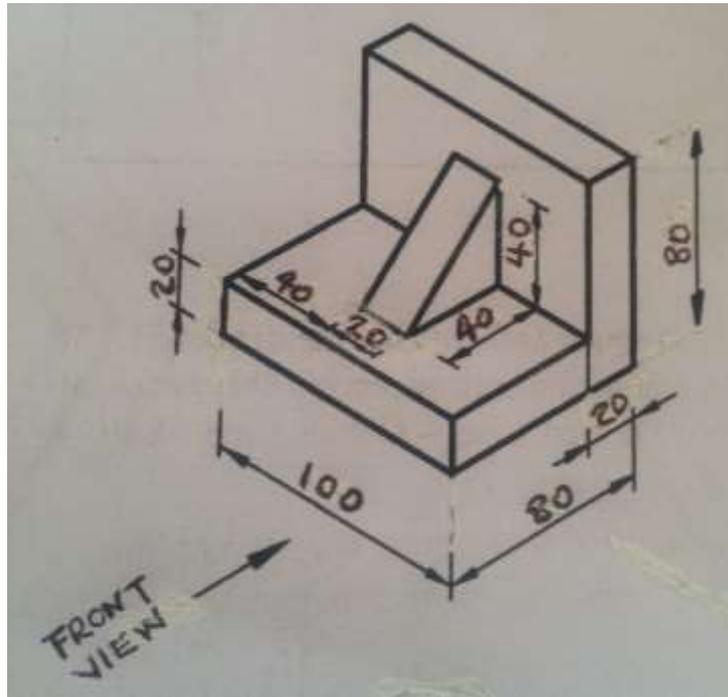
Front

Right-Side

[20 marks]

QUESTION FIVE

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.



[20 marks]