








QUESTION 1.1: ANALYTICAL (ELECTRICAL)

Given:

A table with names and illustrations of electrical components.

Instructions:

Complete the table by neatly drawing the symbols of these components in the space provided. [5]

Name	Component	Symbol
1) BULB		(1)
2) FUSE		(1)
3) SWITCH		(1)
4) MOTOR		(1)
5) CELL		(1)

QUESTION 1.2: ANALYTICAL (AREA AND PERIMETER)

Given:

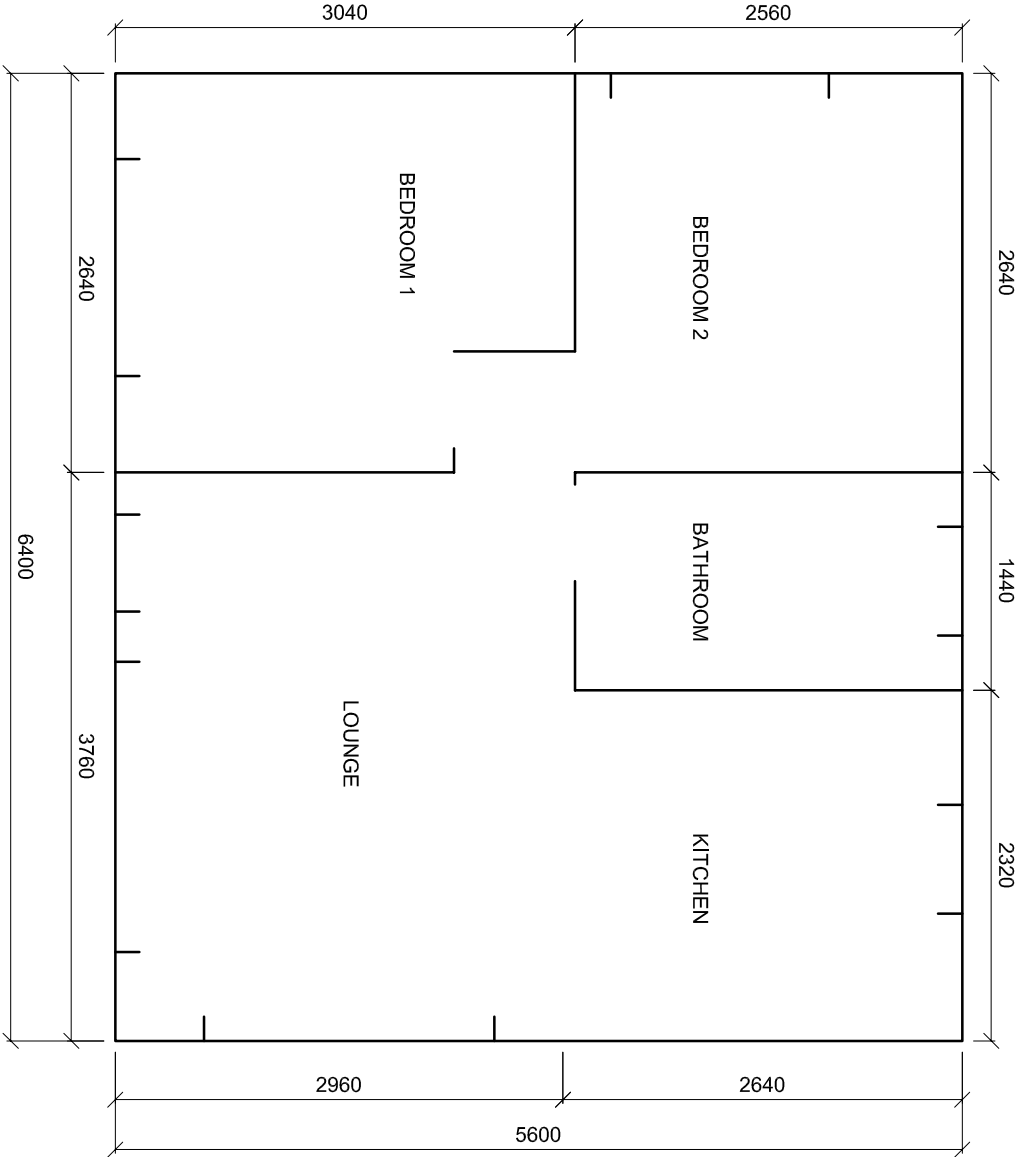
- A schematic floor plan of a house showing the dimensions of the rooms.
- A table for your answers.

Instructions:

- Calculate the combined floor area of the kitchen and lounge in m².
- Calculate the perimeter of the house.

NB: Show all calculations

[5]



ANSWERS	
AREA	
PERIMETER	


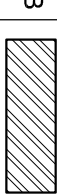

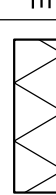
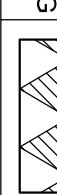
QUESTION 1.3: ANALYTICAL (CIVIL SECTIONS)

Given:

- A column with various types of sectioning used in civil drawings.
- A table with names of section types and spaces for inserting your answers.

Instructions:

Complete the table by placing only the correct letter of the section next to the description of the section type. [5]

SECTION TYPE	ANSWERS	SECTIONAL VIEWS	
		A	
1 CONCRETE	1		
2 FACE BRICK	1		
3 COMPACTED HARDCORE	1		
4 SCREED	1		
5 UNDISTURBED EARTH	1		

1.1	5	
1.2	5	
1.3	5	
TOTAL	15	

NAME	
NAME	
NAME	