



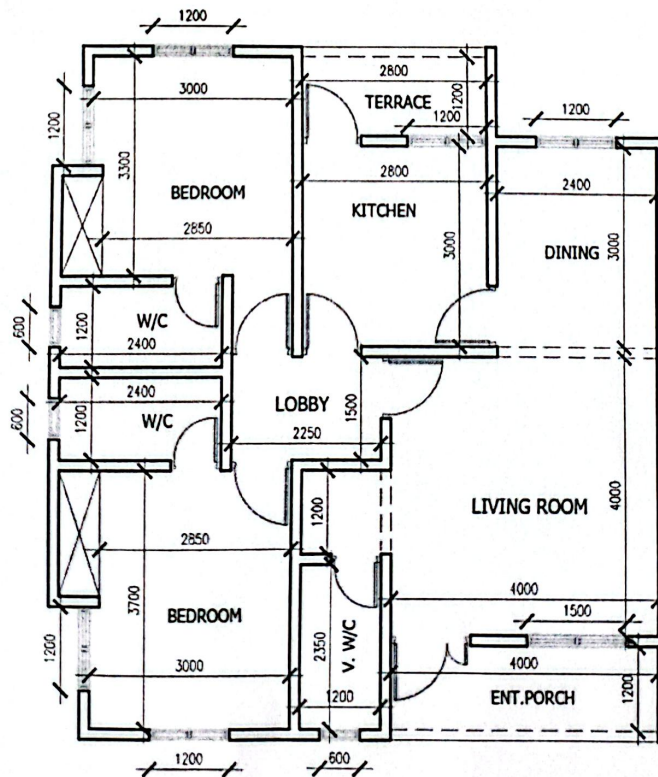
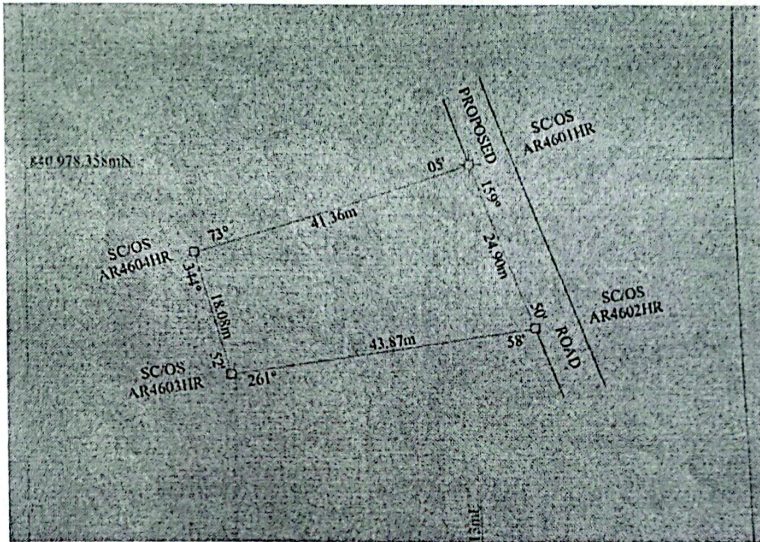
Instruction: Answer Question 1 and any other two (2) questions in all TIME ALLOWED: 2HOURS

Draw where necessary

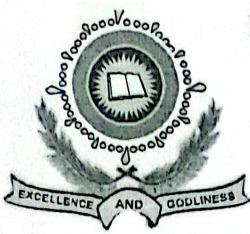
WARNING: Please note that you are not allowed to bring mobile phone(s) into the examination hall. Non-compliance will amount to examination misconduct and attract stiff penalty.

Question 1

Reproduce the below drawing in AutoCAD with one roof plan and 2 elevations.



(30 marks)



Question 2

- a) State five (5) advantages of the use of CAD software by Architects. (10 marks)
- b) Describe the functionality of the ARRAY command. (10 marks)

Question 3

- a) Explain the purpose of the "Offset" and "Trim" commands (10 marks)
- b) What is the significance of using layers in AutoCAD, and how do you create and manage them? (10 marks)

Question 4

- a) Define what a block is in AutoCAD and explain its advantages. (10 marks)
- b) How can you use the HATCH command to fill an enclosed area? (10 marks)

Question 5

- a) Describe the functionality of the ARRAY command. (10 marks)
- b) Explain the purpose of the GROUP and UNGROUP commands. (10 marks)