



Complete, fold and seal
(see note 2 below)

FORENAME(S): Alison

Instructions to Candidates

1. Please give the information requested in the boxes below.
2. Enter your name in the space provided to the right, fold over and seal down (using the label provided) to hide your name.
3. The answers must be legibly written. The Examiners can either ignore illegible script or have it typed and the expense of typing charged to the candidate.
4. Write your answers in ink.
5. Begin each answer on a fresh page. Do all rough work in the answer book and cross it through.
6. No part of this book is to be torn out; it must be handed in complete.
7. If more books than one are used, fasten them together using the tags available from the invigilator(s).
8. **Every book must be handed in. In no circumstances may answer books, used or unused, be taken out of the examination venue.**

1	Student Number	20R18837268
2	Title of Examination Paper	Design of Electrical Install
3	Module Code	G0EE4001
4	Date and Time of Examination	7/05/24
5	Examination Venue	Ward 2
6	Seat Number	A1
7	Number of Answer Books handed in	1

[illegible]

(Gweler yr ochr arall am y fersiwn Cymraeg)

- 1a) Area of hall = 14m by 40m
 16,000 lumens
 370 lux
 UF = 0.8
 MF = 0.7

$$14 \times 40 = 560 \text{ m}^2$$

$$\frac{370 \times 560}{16,000 \times 0.8 \times 0.7} =$$

$$= 23.125$$

$$= \underline{23} \text{ lamps}$$

There would be theoretically 23 lamps needed.

b)

X

c)

x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x		x	x

Q2.a) I would use a 200 x 200 trunking for a factor of 1742a.

(3)

Q1

$\frac{3}{10}$

✓

(0)

(6)

(0)

Question No.

Examiner Only

Q.2 b)

Q2

0/5

Arholwr yn unig

if y Cwestiwn