

GCSE

Processology

Paper 4 – Making Things

- You may use a **calculator**
 - Questions marked with an **asterisk*** are optional
 - Answer in black ink or black ball point pen
-

1 Cheesemaking

This question is about cheese, a type of dairy product.

(a) (i) Name two types of cheese

1

.....

2

.....

[2]

(i) Which of these cheeses is a runny cheese?

- ☐ A Brie
- ☐ B Cheddar
- ☐ C Stilton
- ☐ D Feta

[1]

(i) What makes some cheese runny?

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[4]

(b) How is cheese made?

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.....

.....

[16]

2* (a) A supermarket is made of bricks

What is a brick?

.....

.....

[3]

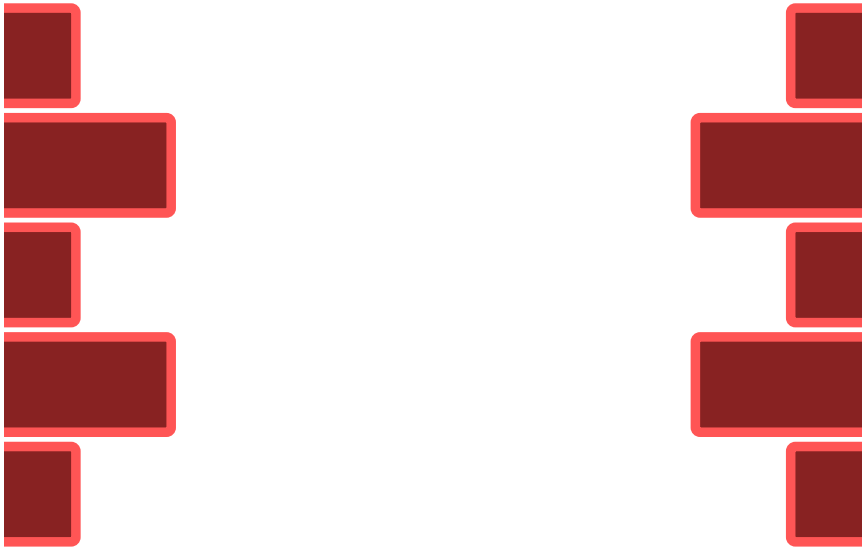
(b) Where do bricks come from?

.....

.....

[3]

(c) Complete the diagram to show the *Flemish Bond* bricklaying pattern.



[1]

(d) Brick based construction needs to adhere to many commonplace rules found in the construction industry.

- Bricks must be level
- No brick goes unused
- Mortar must be up to specification

Complete the table below.

Type	Colour	Usage
clay		
	grey	industrial
		kiln making

[5]

3 **Lettering**

It is often said that lettering (often known as *calligraphy*) is the one true artform known to us which cannot be mastered by robots.

- (a) Complete the table below with appropriate letters in your best cursive, without drawing between the boxes provided

Letters A to H							
Numbers 0 to 7							

[4½]

4 Robot Uprisings

Examine the following code listing:

```
01  from objects import Human
02  from random import random
03
04  def love(object):
05      if type(object) == Human:
06          return False
07      else:
08          return random <= 0.10
```

(a) What is wrong with this code?

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.....

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[2]

End of paper.