

THE UNIVERSITY *of York*

Degree Examinations 1832

DEPARTMENT OF COMPUTER SCIENCE

Tough stuff

Time allowed: **Three (3) hours**

DRAFT: 21st March 2012

This paper consists of the following Sections:
Answer each Section in a **separate** answer booklet.

Write in words.

Do not use a calculator, other than the wet-ware in your skulls.

Section A: Applied digital

You must answer this section in a **separate** booklet.

1 (16 marks)

- (i) [2 marks] Who? Who? Who? Who? Who? Who? Who? Who? Who? Who? Who?
Who? Who? Who? Who? Who? Who?
- (ii) [2 marks] What? What? What? What? What? What? What? What? What? What?
What? What? What? What?
- (iii) [2 marks] Why?
- (iv) [2 marks] When?
- (v) [2 marks] Whither?
- (vi) [2 marks] Whence?
- (vii) [2 marks] Which?
- (viii) [2 marks] How? (Hint: see Part ??.)

2 (20 marks) Here is a rubric.

- (i) [1 mark] Just a quickie to get you going.
- (ii) [11 marks] Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

With some maths:

$$a = b + c$$

that was maths.

And a quote

This is a quote.

After the quote.

Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

- (iii) [4 marks] HERE IS A LABEL. A bit with no embedded paragraph breaks. A bit with no embedded paragraph breaks. A bit with no embedded paragraph breaks. A bit with no embedded paragraph breaks.
- (iv) [1 mark] An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. REFER TO PART ??.

An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit.

Now answer **one** of the following questions (1 mark each).

- (a) This;
- (b) That;
- (c) Or the other.
- (v) [50 marks]

Answer each of the following four parts:

- (a) [21 marks] This;
- (b) [13 marks] And That;
- (c) [15 marks] And the other.
- (d) [1 mark] And a singleton.

Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page.

over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page.

- 3 (25 marks) Here is a rubric for a question very like the one above. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer.

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Here is a rubric for a question very like the one above. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer.

- (i) [5 marks] Just a quickie to get you going.
- (ii) [7 marks] Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

With some maths:

$$a = b + c$$

that was maths.

Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit. Then it gets to a sticky bit.

- (iii) [4 marks] A bit with no embedded paragraph breaks. A bit with no embedded paragraph breaks. A bit with no embedded paragraph breaks. A bit with no embedded paragraph breaks.
- (iv) [4 marks] An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit.

An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit. An extra bit.

Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page. Make this question go over the page.

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Section B: Basket weaving

You must answer this section in a **separate** booklet.

A second —and long— paragraph in the section rubric. A second —and long— paragraph in the section rubric. A second —and long— paragraph in the section rubric. A second —and long— paragraph in the section rubric. A second —and long— paragraph in the section rubric. A second —and long— paragraph in the section rubric.

4 (25 marks)

What did you say?

5 (20 marks)

- (i) [5 marks] Did you sleep in lectures?
- (ii) [5 marks] Did you sleep in practicals?
- (iii) [5 marks] Did you sleep instead of working in your own time?
- (iv) [5 marks] Are you asleep now?



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Marking Notes

Answers for Section A: Applied digital

Question 1 (16 marks)

Part (i) [2 marks]

You.

Part (ii) [2 marks]

Bookwork

Part (iii) [2 marks]

Because I say so.

Part (iv) [2 marks]

A long model answer. A long model answer. A long model answer. A long model answer.
A long model answer. A long model answer. A long model answer. A long model answer.
A long model answer.

With two paragraphs. With two paragraphs. With two paragraphs. With two paragraphs.
With two paragraphs. With two paragraphs. With two paragraphs. With two paragraphs.
With two paragraphs.

Part (v) [2 marks]

Part (vi) [2 marks]

Part (vii) [2 marks]

Part (viii) [2 marks]

Question 2 (20 marks) Here is a rubric.

Part (i) [1 mark]

Part (ii) [11 marks]

Part (iii) [4 marks]

Part (iv) [1 mark]

Option (a)

Option (b)

Option (c)

Part (v) [50 marks]

Sub-part (a) [21 marks]

Sub-part (b) [13 marks]

Sub-part (c) [15 marks]

Sub-part (d) [1 mark]

Question 3 (25 marks) Here is a rubric for a question very like the one above. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer.

Here is a rubric for a question very like the one above. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer.

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Here is a rubric for a question very like the one above. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer. Only longer.

Part (i) [5 marks]

Part (ii) [7 marks]

Part (iii) [4 marks]

Part (iv) [4 marks]

Answers for Section B: Basket weaving

Question 4 (25 marks)

Question 5 (20 marks)

Part (i) [5 marks]

Part (ii) [5 marks]

Part (iii) [5 marks]

Part (iv) [5 marks]

