



MST1241706F1PV1



The Open  
University

# MST124/C

Module Examination 2016

Title of Module

Tuesday 7 October 2016

10:00 am – 1:00 pm

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**\*\*\*SOLUTIONS\*\*\***

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## Instructions

Insert module-specific examination instructions here

## Question 1 optional space for title

The first question.

[12]

### Solution

Solutions can be placed in-line, to generate solution files from the same source.

3

Inside solutions, notes can be added to the marks.

4 Like this

Automatically add up part marks inside the solution environment:

**7 Subtotal**

After a subtotal, you can have some more marks.

3

Rather than automatically adding up marks, you can specify a total or sub-total:

**3 Subtotal**

**10 Total**

## Question 2

The second question.

[3]

### Solution

Solutions can be placed in-line, to generate solution files from the same source.

3 Be generous!

## Question 3 (example of creating subquestions)

(a) Use the standard enumerate environment.

[3]

(b) (i) Sub-sub part.

[2]

(ii) Sub-sub part.

[2]

### Solution

Solutions can be created per sub-question, or per sub-sub-question, or after the entire question.

2

The enumitem package allows numbering to be resumed later, to replace the OUPTeX ‘intertext’ command.

(c) Numbering continues from before.

[4]

### Solution

Within a question, the total and subtotal commands will remember marks from one solution environment to the next.

2

**4 Total**

## Question 4

*This question is about nothing in particular.*

- (a) one [4]
- (b) two, with a sufficiently long question that it runs over more than one line. [4]
- (c) (i) Sub-sub [2]
- (ii) Sub-sub that is sufficiently long that it runs over more than one line. [2]
- (d) Starred enumerate environment gives you inline enumerate:
  - (i) first part                      (ii) second part                      (iii) third part [3]

## 1 Multiple choice questions

### Question 5

Choose an option.

*Options*

- A There are no options
- B There is one option
- C This option is the wrong choice [3]

### Question 6

Choose an inline option.

*Options*

- |       |       |         |           |          |     |
|-------|-------|---------|-----------|----------|-----|
| A yes | B no  | C maybe | D well... | E never! |     |
| F yes | G yes | H yes   |           |          | [3] |

### Question 7

Choose an inline option.

*Options*

- |           |          |         |
|-----------|----------|---------|
| A yes     | B no     | C maybe |
| D well... | E never! | F yes   |
| G yes     | H yes    |         |

## 2 Section title

The class file is based on the standard article class file, so commands such as section, subsection etc. can all be used if desired.

### Question 8

*This question is about nothing in particular.*

- (a) one [4]
- (b) two, with a sufficiently long question that it runs over more than one line. [4]
- (c) (i) Sub-sub [2]
- (ii) Sub-sub that is sufficiently long that it runs over more than one line. [2]

### Question 9

*This question is about nothing in particular.*

- (a) one [4]
- (b) two, with a sufficiently long question that it runs over more than one line. [4]
- (c) (i) Sub-sub [2]
- (ii) Sub-sub that is sufficiently long that it runs over more than one line. [2]

### Question 10

*This question is about nothing in particular.*

- (a) one [4]
- (b) two, with a sufficiently long question that it runs over more than one line. [4]
- (c) (i) Sub-sub [2]
- (ii) Sub-sub that is sufficiently long that it runs over more than one line. [2]

### Question 11

*This question is about nothing in particular.*

- (a) one [4]
- (b) two, with a sufficiently long question that it runs over more than one line. [4]
- (c) (i) Sub-sub [2]
- (ii) Sub-sub that is sufficiently long that it runs over more than one line. [2]

### Question 12

*This question is about nothing in particular.*

- (a) one [4]
- (b) two, with a sufficiently long question that it runs over more than one line. [4]
- (c) (i) Sub-sub [2]

- (ii) Sub-sub that is sufficiently long that it runs over more than one line.

[2]

**[END OF QUESTION PAPER]**