### Semester Two Examination, 2018

### Question/Answer booklet

# MATHEMATICS

**UNIT**

## Section Two:

## Calculator-assumed

|  |
| --- |
|  |

Your Name

Your Teacher’s Name

## Time allowed for this section

Reading time before commencing work: ten minutes

Working time: one hundred minutes

## Materials required/recommended for this section

***To be provided by the supervisor***

This Question/Answer booklet

Formula sheet (retained from Section One)

***To be provided by the candidate***

Standard items: pens (blue/black preferred), pencils (including coloured), sharpener, correction fluid/tape, eraser, ruler, highlighters

Special items: drawing instruments, templates, notes on two unfolded sheets of A4 paper, and up to three calculators approved for use in this examination

## Important note to candidates

No other items may be taken into the examination room. It is **your** responsibility to ensure that you do not have any unauthorised material. If you have any unauthorised material with you, hand it to the supervisor **before** reading any further.

**Structure of this paper**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Section | Number of questions available | Number of questions to be answered | Working time (minutes) | Marks available | Percentage of examination |
| Section One:  Calculator-free |  |  | 50 |  | 35 |
| Section Two:  Calculator-assumed |  |  | 100 |  | 65 |
|  |  |  |  | **Total** | 100 |



**Section Two: Calculator-assumed (100 Marks)**

This section has **XX** questions. Answer **all** questions. Write your answers in the spaces provided.

Spare pages are included at the end of this booklet. They can be used for planning your responses and/or as additional space if required to continue an answer.

● Planning: If you use the spare pages for planning, indicate this clearly at the top of the page.

● Continuing an answer: If you need to use the space to continue an answer, indicate in the original answer space where the answer is continued, i.e. give the page number. Fill in the number of the question that you are continuing to answer at the top of the page.

Working time: 100 minutes.

**Question 8 (x marks)**

(a) Question here (x marks)

(b) Question here (x marks)

(c) Question here (x marks)

**Question 9 (x marks)**

(a) Question here (x marks)

(b) Question here (x marks)

**Question 10 (x marks)**

(a) Question here (x marks)

(b) Question here (x mark)

(c) Question here (x marks)

**Question 11 (x marks)**

(a) Question here (x marks)

(b) Question here (x marks)

(c) Question here (x marks)

**Question 12 (x marks)**

Question here (x marks)

**Question 13 (x marks)**

(a) Question here (x marks)

(b) Question here (x marks)

(c) Question here (x marks)

**Question 14 (x marks)**

(a) Question here (x mark)

(b) Question here (x marks)

(c) Question here (x marks)

**Question 15 (x marks)**

Question here

(a) Question here (x marks)

(b) Question here (x marks)

**Question 16 (x marks)**

Question here

(a) Question here (x marks)

(b) Question here (x marks)

(c) Question here (x marks)

(d) Question here (x mark)

(e) Question here (x marks)

**Question 17 (x marks)**

(a) Question here (x mark)

(b) Question here (x marks)

(c) Question here (x marks)

(d) Question here (x marks)

(e) Question here (x marks)

**Question 18 (x marks)**

(a) Question here (x marks)

(b) Question here (x marks)

Additional working space

Question number:

Additional working space

Question number:

Additional working space

Question number:

**Acknowledgements**