

# YEAR 12 FURTHER MATHEMATICS 2016

## Written examination 1

### SECTION A – Core

#### Multiple-choice answer sheet

**Student name:**

#### Instructions for Section A

This section is **compulsory**.

Use a pencil for all entries.

Shade the box which indicates your answer for each question. **All** answers must be completed as per the example below:

|   |   |   |   |   |
|---|---|---|---|---|
| A | B | C | D | E |
|---|---|---|---|---|

Marks are **not** deducted for incorrect answers and **no marks** will be awarded if more than one answer is selected for any question.

If you make a mistake, **erase** the incorrect answer – do **not** cross it out.

| ONE ANSWER PER LINE |   |   |   |   |   | ONE ANSWER PER LINE |   |   |   |   |   |
|---------------------|---|---|---|---|---|---------------------|---|---|---|---|---|
| 1                   | A | B | C | D | E | 13                  | A | B | C | D | E |
| 2                   | A | B | C | D | E | 14                  | A | B | C | D | E |
| 3                   | A | B | C | D | E | 15                  | A | B | C | D | E |
| 4                   | A | B | C | D | E | 16                  | A | B | C | D | E |
| 5                   | A | B | C | D | E | 17                  | A | B | C | D | E |
| 6                   | A | B | C | D | E | 18                  | A | B | C | D | E |
| 7                   | A | B | C | D | E | 19                  | A | B | C | D | E |
| 8                   | A | B | C | D | E | 20                  | A | B | C | D | E |
| 9                   | A | B | C | D | E | 21                  | A | B | C | D | E |
| 10                  | A | B | C | D | E | 22                  | A | B | C | D | E |
| 11                  | A | B | C | D | E | 23                  | A | B | C | D | E |
| 12                  | A | B | C | D | E | 24                  | A | B | C | D | E |

# YEAR 12 FURTHER MATHEMATICS 2016

## Written examination 1

### SECTION B – Modules

#### Multiple-choice answer sheet

**Student name:**

#### Instructions for Section B

Answer **two** different modules. Indicate the selected modules by shading the appropriate boxes below.

Select only one module per column.

Use a pencil for all entries.

Shade the box that indicates your answer for each question. **All** answers must be completed as per the example below:

|   |   |   |   |   |
|---|---|---|---|---|
| A | B | C | D | E |
|---|---|---|---|---|

Marks are **not** deducted for incorrect answers and **no marks** will be awarded if more than one answer is selected for any question.

If you make a mistake, **erase** the incorrect answer – do **not** cross it out.

| ONE ANSWER PER LINE      |                             |                          |                          |                          |                          | ONE ANSWER PER LINE      |                             |                          |                          |                          |                          |
|--------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Module                   |                             |                          |                          |                          |                          | Module                   |                             |                          |                          |                          |                          |
| <input type="checkbox"/> | Matrices                    |                          |                          |                          |                          | <input type="checkbox"/> | Matrices                    |                          |                          |                          |                          |
| <input type="checkbox"/> | Networks and decision maths |                          |                          |                          |                          | <input type="checkbox"/> | Networks and decision maths |                          |                          |                          |                          |
| <input type="checkbox"/> | Geometry and measurement    |                          |                          |                          |                          | <input type="checkbox"/> | Geometry and measurement    |                          |                          |                          |                          |
| <input type="checkbox"/> | Graphs and relations        |                          |                          |                          |                          | <input type="checkbox"/> | Graphs and relations        |                          |                          |                          |                          |
| 1                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8                        | <input type="checkbox"/>    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |