

## MAT 2004 Relevance Checker

- **Red:** Question not relevant for current syllabus.
- **Orange:** Question not entirely relevant for current syllabus but worth attempting. See comments.
- **Black:** Question relevant for current syllabus.

### 1. Multiple Choice

#### (A). Trigonometric Equation

This question is relevant for the current syllabus.

#### (B). Minimising Function

This question is relevant for the current syllabus.

#### (C). Turning Point of Parabola

This question is relevant for the current syllabus

#### (D). Reflection of Point

This question is relevant for the current syllabus

#### (E). Faces of Cube

This question is relevant for the current syllabus.

#### (F). Angles in Circle

This question is relevant for the current syllabus, although on a modern paper, it would use degrees rather than radians.

#### (G). Largest Value

This question is relevant for the current syllabus, although a current paper would use degrees rather than radians to measure the argument of the sine and tan functions.

#### (H). Identifying Graph

This question is relevant for the current syllabus.

#### (I). Simultaneous Equations

This question is relevant for the current syllabus.

#### (J). True or False

This question is relevant for the current syllabus.

### 2. Solutions of Polynomials

The entirety of this question is relevant for the current syllabus.

### **3. Piecewise Function and Integration**

The entirety of this question is relevant for the current syllabus.

### **4. Areas of Triangles**

The entirety of this question is relevant for the current syllabus.

### **5. Oxflip**

The entirety of this question is relevant for the current syllabus.