ACE Examination 2016

Year 10 Mathematics Yearly Examination

Mapping grid

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| --- | --- | --- | --- |
| **Question** | **Mark** | **Content** | **Band** |
| **Section 1** | | | |
| 1 | 1 | Patterns and algebra | 1-2 |
| 2 | 1 | Chance | 1-2 |
| 3 | 1 | Data representation and interpretation | 3-4 |
| 4 | 1 | Money and financial mathematics | 1-2 |
| 5 | 1 | Using units of measurement | 2-3 |
| 6 | 1 | Linear and non-linear relationships | 2-3 |
| 7 | 1 | Pythagoras and trigonometry | 3-4 |
| 8 | 1 | Linear and non-linear relationships | 2-3 |
| 9 | 1 | Patterns and algebra | 2-3 |
| 10 | 1 | Linear and non-linear relationships | 3-4 |
| 11 | 1 | Geometric reasoning | 3-4 |
| 12 | 1 | Pythagoras and trigonometry | 3-4 |
| 13 | 1 | Money and financial mathematics | 2-3 |
| 14 | 1 | Patterns and algebra | 3-4 |
| 15 | 1 | Geometric reasoning | 3-4 |
| 16 | 1 | Linear and non-linear relationships | 4-5 |
| 17 | 1 | Chance | 3-4 |
| 18 | 1 | Data representation and interpretation | 4-5 |
| 19 | 1 | Money and financial mathematics | 2-3 |
| 20 | 1 | Pythagoras and trigonometry | 3-4 |
| 21 | 1 | Using units of measurement | 5-6 |
| 22 | 1 | Linear and non-linear relationships | 3-4 |
| 23 | 1 | Linear and non-linear relationships | 5-6 |
| 24 | 1 | Data representation and interpretation | 5-6 |
| 25 | 1 | Using units of measurement | 3-4 |

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| **Section 2 Part A** | | | | |
| 26(a)(i) | 1 | Chance | 1-2 | |
| 26(a)(ii) | 1 | Chance | 1-2 | |
| 26(b) | 1 | Money and financial mathematics | 2-3 | |
| 26(c) (i) | 1 | Linear and non-linear relationships | 2-3 | |
| 26(c) (ii) | 1 | Linear and non-linear relationships | 3-4 | |
| 27(a) | 1 | Patterns and algebra | 3-4 | |
| 27(b) (i) | 1 | Angle relationships | 2-3 | |
| 27(b) (ii) | 1 | Angle relationships | 3-4 | |
| 27(c) (i) | 1 | Linear and non-linear relationships | 2-3 | |
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| 28(a) (i) | 1 | Patterns and algebra | 4-5 | |
| 28(a) (ii) | 1 | Linear and non-linear relationships | 2-3 | |
| 28(a)(iii) | 1 | Linear and non-linear relationships | 3-4 | |
| 28(b) | 1 | Money and financial mathematics | 2-3 | |
| 28(c) | 1 | Money and financial mathematics | 3-4 | |
| 29(a) (i) | 1 | Using units of measurement | 3-4 | |
| 29(a) (ii) | 1 | Using units of measurement | 4-5 | |
| 29(b) (i) | 1 | Data representation and interpretation | 1-2 | |
| 29(b) (ii) | 1 | Data representation and interpretation | 2-3 | |
| 29(b)(iii) | 1 | Data representation and interpretation | 3-4 | |
| 30(a) | 2 | Geometric reasoning | 4-5 | |
| 30(b) | 1 | Linear and non-linear relationships | 5-6 | |
| 30(c) | 2 | Pythagoras and trigonometry | 4-5 | |
| **Section 2 Part B: Advanced** | | | | |
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| 31(b) | 1 | Geometric reasoning | | 5-6 |
| 31(c) | 1 | Linear and non-linear relationships | | 5-6 |
| 31(d) | 2 | Linear and non-linear relationships | | 5-6 |
| 32(a) (i) | 2 | Patterns and algebra | | 4-5 |
| 32(a) (ii) | 1 | Patterns and algebra | | 5-6 |
| 32(b) (i) | 1 | Linear and non-linear relationships | | 5-6 |
| 32(b) (ii) | 1 | Linear and non-linear relationships | | 5-6 |