

Revision (5–6 weeks from exam)

| Session | Topic | Subtopic | Important lessons | Done |
|---------|-----------------------|------------------------------------|---|--------------------------|
| 1 | Algebra | Formulae and Equations | | <input type="checkbox"/> |
| | | Linear Relationships | | <input type="checkbox"/> |
| | | Types of Relationships | <u>Simultaneous Equations</u> , <u>Applications of Quadratic Functions</u> | <input type="checkbox"/> |
| 2 | Measurement | Applications of Measurement | <u>Surface Area of Composite Solids</u> , <u>Volume and Capacity of Composite Solids</u> | <input type="checkbox"/> |
| | | Working with Time | <u>Time Zones</u> , <u>The International Date Line</u> | <input type="checkbox"/> |
| 3 | | Non-Right-Angled Trigonometry | <u>The Sine Rule</u> , <u>The Cosine Rule</u> , <u>Finding Areas Using Trigonometry</u> | <input type="checkbox"/> |
| | | Rates and Ratios | <u>Introduction to Rates</u> , <u>Introduction to Ratios</u> | <input type="checkbox"/> |
| 4 | Financial Mathematics | Money Matters | <u>Income Tax and the Medicare Levy</u> , <u>Income Deductions and Net Pay</u> | <input type="checkbox"/> |
| 5 | | Investments and Loans | <u>Compound Interest Applications</u> , <u>Shares and Dividends (Part 2)</u> | <input type="checkbox"/> |
| | | Annuities | <u>Annuities Application</u> | <input type="checkbox"/> |
| 6 | Statistical Analysis | Data Analysis | <u>Interpreting and Comparing Box Plots</u> | <input type="checkbox"/> |
| 7 | | Relative Frequency and Probability | <u>Calculating Simple Probabilities</u> , <u>Multi-Stage Experiments - Probability Tree Diagrams</u> | <input type="checkbox"/> |
| | | Bivariate Data Analysis | <u>Interpolation and Extrapolation</u> | <input type="checkbox"/> |
| | | The Normal Distribution | <u>Probability of Observing a Value Less or Greater Than a Given Score</u> , <u>Probability of Observing a Value Between Two Scores</u> | <input type="checkbox"/> |
| 8 | Networks | Network Concepts | <u>The Shortest Path</u> | <input type="checkbox"/> |
| | | Critical Path Analysis | <u>Maximum Flow Problems</u> , <u>The Maximum-Flow Minimum-Cut Theorem</u> , <u>Maximum Flow Problems - Exam Application</u> | <input type="checkbox"/> |

Practice (3–4 weeks from exam)

| Session | Topic | Subtopic | Confidence | Done |
|---------|-----------------------|------------------------------------|---|------------------------|
| 9 | Algebra | Formulae and Equations | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | Linear Relationships | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | Types of Relationships | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| 10 | Measurement | Applications of Measurement | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | Working with Time | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| 11 | | Non-Right-Angled Trigonometry | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | Rates and Ratios | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| 12 | Financial Mathematics | Money Matters | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| 13 | | Investments and Loans | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | Annuities | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| 14 | Statistical Analysis | Data Analysis | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| 15 | | Relative Frequency and Probability | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | Bivariate Data Analysis | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | The Normal Distribution | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| 16 | Networks | Network Concepts | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |
| | | Critical Path Analysis | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | <div><div></div></div> |