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# Level 3 Certificate

## MATHEMATICAL STUDIES

Paper 2A – Statistical techniques

Paper 2B – Critical path and risk analysis

Paper 2C – Graphical techniques

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### Preliminary Material

#### Instructions

- This preliminary material will be given to you on or after 1 March.
- **You must not take preliminary materials or any associated material into the examination room. A clean copy will be made available.**

#### Information

- The Preliminary Material is to be seen by teachers and candidates **only**, for use during preparation for the examination on (DATE). It **cannot** be used by anyone else for any other purpose, other than as stated in the instructions issued, until after the examination date has passed. It must **not** be provided to third parties.

## Positive spin

A local newspaper published these results of the 2010 general election and the 2014 by-election for the town of Newark.

### 2010 general election result

Patrick Mercer	Conservative	27 590	53.9
Ian Campbell	Labour	11 438	22.3
Pauline Jenkins	Liberal Democrat	10 246	20.0
Tom Irvine	UK Independence Party	1 954	3.8
<b>Majority</b>		16 152	31.5
<b>Turnout</b>		51 228	71.4

### 2014 by-election result

Robert Jenrick	Conservative	17 431	45.0
Roger Helmer	UK Independence Party	10 028	25.9
Michael Payne	Labour	6 842	17.7
Paul Baggaley	Independent	1 891	4.9
David Kirwan	Green	1 057	2.7
David Watts	Liberal Democrat	1 004	2.6
<b>Majority</b>		7 403	19.1
<b>Turnout</b>		38707	

There were five other candidates in this by-election.

Three of the candidates made comments about the 2014 by-election results as follows:

'We have fought this positive campaign on the issues that matter to the people of Newark. The people of Newark have voted to back this Government.'

Robert Jenrick (Conservative)

'We have increased our result in the general election by a factor of six and we have halved the Conservative majority.'

Roger Helmer (UK Independence Party)

'The people of Newark have spoken clearly today and the majority of them have told us they don't agree with the direction of this out of touch Government.'

Michael Payne (Labour)

**END OF PRELIMINARY MATERIAL**

**There is no preliminary material printed on this page**