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Centre number						Candidate number				
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**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
ADVANCED GCE**

F297/I

BUSINESS STUDIES

Strategic Management

INSERT

MONDAY 31 JANUARY 2011: Afternoon

DURATION: 2 hours

SUITABLE FOR VISUALLY IMPAIRED CANDIDATES

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

- **This insert is for use with question 1(a).**
- **Write your name, centre number and candidate number in the boxes on the first page. Please write clearly and in capital letters.**
- **Please fasten this insert securely to the answer booklet.**

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FOR USE WITH QUESTION 1(a).

The table on the next page shows the actual number of overdue orders between March 2009 and November 2010. It also shows an incomplete trend for overdue orders calculated using Time Series Analysis, with a three period moving average. The graph on the loose A3 sheet shows the incomplete trend.

Using Time Series Analysis, forecast the level of overdue orders in February 2011 using the figures in the table and the graph. You are advised to show your workings. [13]

PLEASE ENSURE THAT THIS INSERT IS SECURELY ATTACHED TO THE REST OF YOUR ANSWER BOOKLET.

Working box:

**Forecast level of overdue orders
February 2011**

		Overdue orders	Trend	Cyclical variation
2009	1	Mar 18		
	2	Apr..... 17	16.33	0.67
	3	May 14	16.00	-2.00
	1	Jun..... 17	15.33	1.67
	2	Jul..... 15	15.00	0.00
	3	Aug 13	14.33	-1.33
	1	Sep 15	14.00	1.00
	2	Oct..... 14	13.33	0.67
	3	Nov 11	13.00	-2.00
	1	Dec 14	12.33	1.67
2010	2	Jan..... 12	12.00	0.00
	3	Feb 10	11.67	-1.67
	1	Mar 13	11.33	1.67
	2	Apr..... 11	10.67	0.33
	3	May 8	10.00	-2.00
	1	Jun..... 11	9.67	1.33
	2	Jul..... 10	9.33	0.67
	3	Aug 7	9.00	-2.00
	1	Sep 10	?	?
	2	Oct..... 8	?	?
	3	Nov 6		
	1	Dec		
2011	2	Jan		
	3	Feb	?	

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