

ADVANCED GCE
BUSINESS STUDIES
 Strategic Management

F297/I

INSERT

Monday 31 January 2011
Afternoon

Duration: 2 hours



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

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

INFORMATION FOR CANDIDATES

- This document consists of **4** pages. Any blank pages are indicated.

For use with question 1(a).

The table below 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 shows the incomplete trend.

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

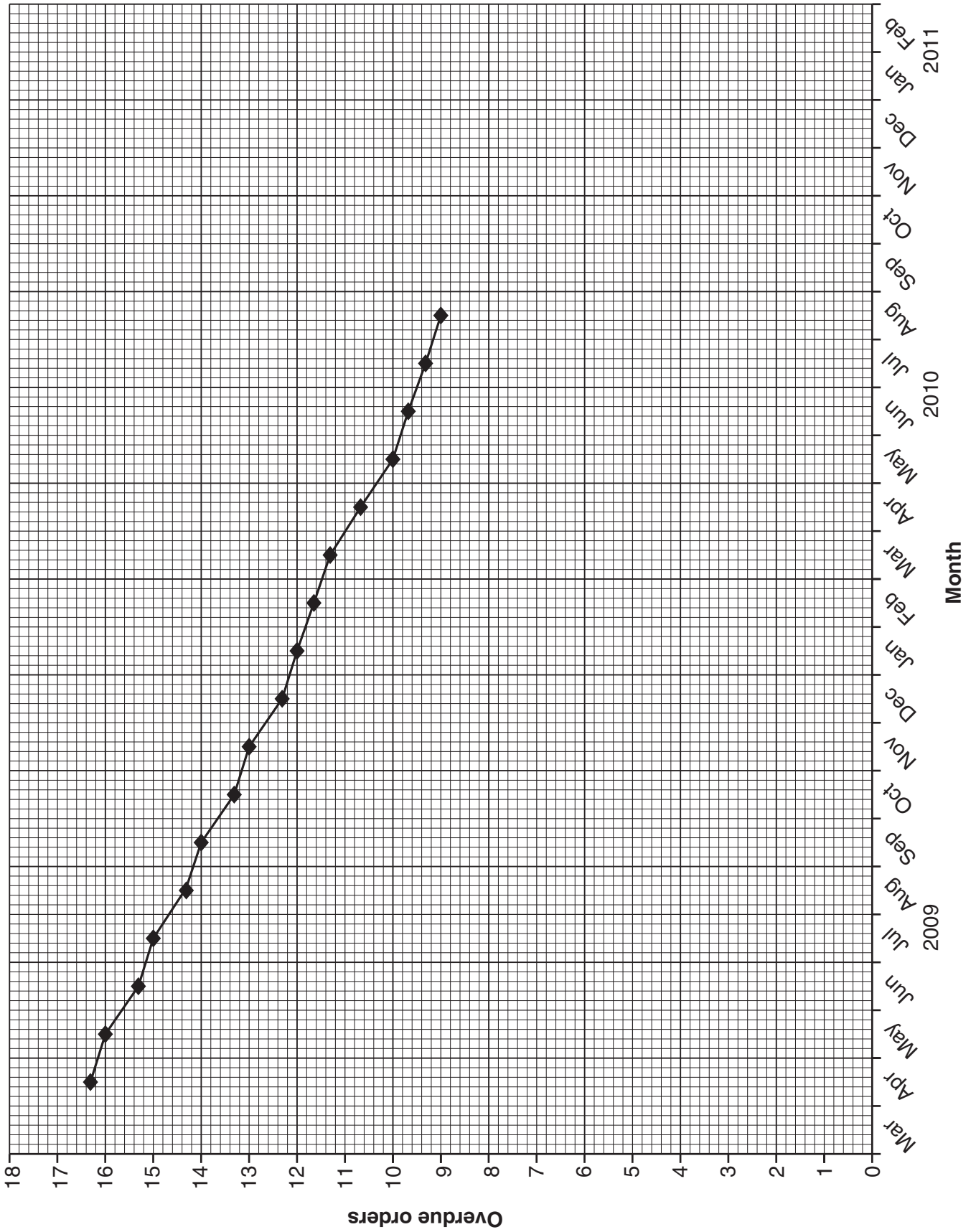
Please ensure that your insert is securely attached to the rest of your answer booklet.

		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				

Working box:

Forecast level of overdue orders February 2011

Incomplete trend line for overdue orders



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