Centre No.			Paper Reference				Surname	Initial(s)			
Candidate No.			6	6	9	0	/	0	1	Signature	

Paper Reference(s)

6690/01

Edexcel GCE

Decision Mathematics D2 Advanced/Advanced Subsidiary

Sample Assessment Material

Answer Book

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2.

Basic variable	х	У	Z	r	S	Value
r	2	0	4	1	0	80
S	1	4	2	0	1	160
P	-2	-8	-20	0	0	0

You may not need to use all of these tableaux

Basic variable	x	у	Z	r	S	Value	Row operations

Basic variable	X	у	Z	r	S	Value	Row operations

Basic variable	x	у	Z	r	S	Value	Row operations

(Total 7 marks)

Q2

	D	E	F
A			
В			
C			

	D	E	F
A			
В			
С			

L	ea	ıv	e
h	โล	n	k

You may not wish to use all of these tables

	D	E	F
A			
В			
C			

	D	E	F
A			
В			
С			

	D	Е	F
A			
В			
С			

Q3

(Total 11 marks)

4.	(a)										Leave blank
	. ,										
	(b)			Table	of leas	t distan	ces				
			A	В	C	D	E	F	G		
		A	_	21	15	26	35	31	53		
		В	21	_	18	29	14		42		
		C	15	18	- 11	11	20	16	38		
			26 35	29	20	_		27 19	31 28		
		$\frac{E}{F}$	31	14	16	27	19	_	22		
		G	53	42	38	31	28	22			
	(c)										
											Q4
									(1	Total 11 marks)	

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6. You may not wish to use all of these lines

Stage	State	Action	Value

Maximin route:				

Q6

(Total 9 marks)

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Oldin	

7.	You may not wish to use all of these lines

	1	2	3	4
Ann				
Brenda				
Connor				
Dave				

	1	2	3	4
Ann				
Brenda				
Connor				
Dave				

Leave blank 1 2 3 4 Ann Brenda Connor Dave 2 1 3 4 Ann Brenda Connor Dave

(Total 15 marks)

Leave blank

$\boldsymbol{\Lambda}$

	I	II	III
I	5	2	3
II	3	5	4