

Centre No.					
Candidate No.					

Paper Reference (complete below)						
6	6	8	9	/	0	1

Surname	Initial(s)
Signature	

Paper Reference(s)

6689

Edexcel GCE

Decision Mathematics D1

Advanced/Advanced Subsidiary

Friday 16 January 2004 – Afternoon

Answer Booklet

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3. (a).....
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$C_1 = \dots\dots\dots C_2 = \dots\dots\dots C_3 = \dots\dots\dots$

(b).....
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(c).....
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5. (a) You may not need to use all the rows in this table.

a	b	c	Integer?	Output List	$a = b?$

Output List:.....

(b).....

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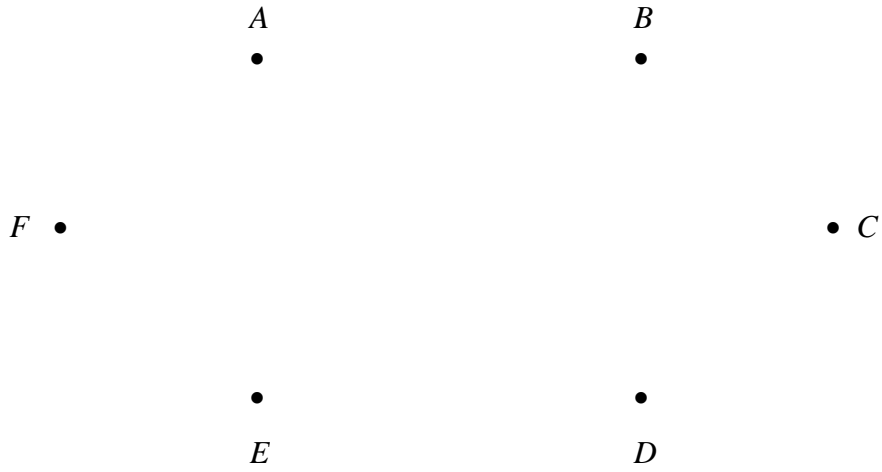
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(c).....

6. (a)



(b).....

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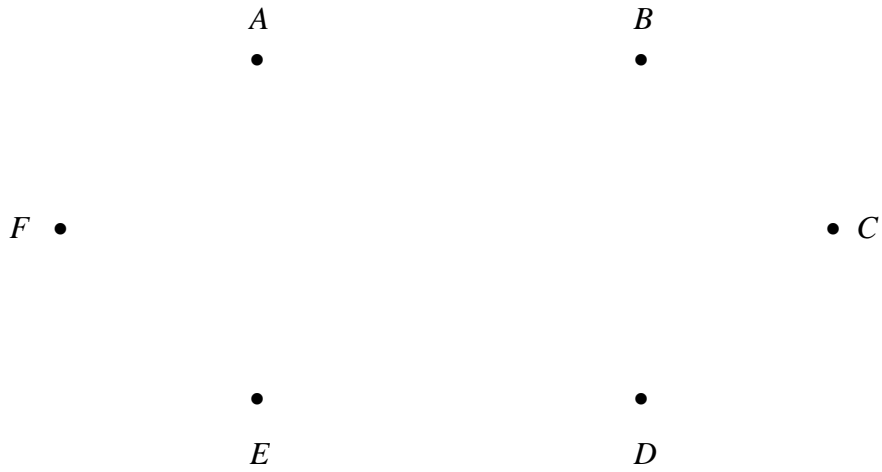
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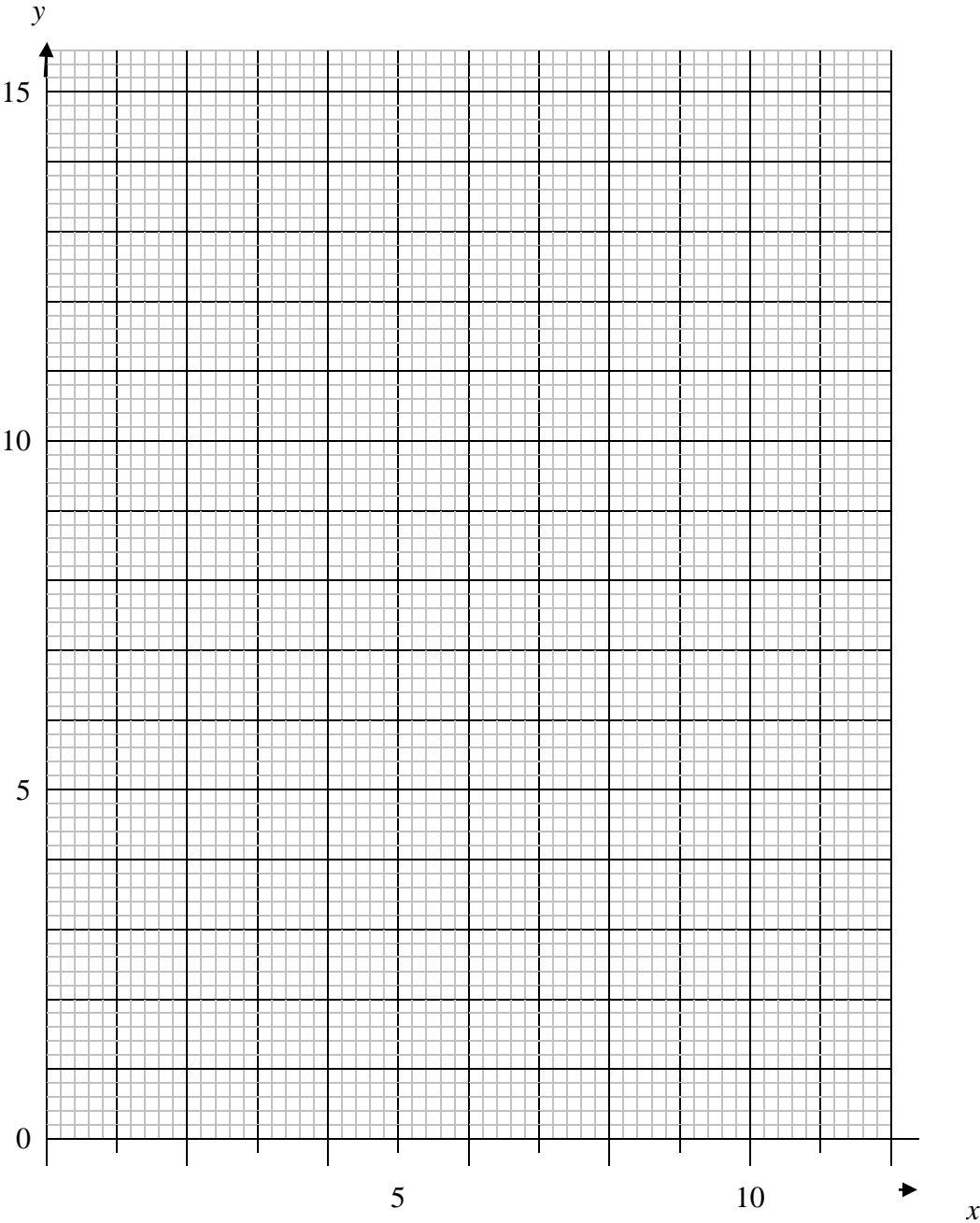
(c)

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>
<i>A</i>	–	7	3	–	8	11
<i>B</i>	7	–	4	2	–	7
<i>C</i>	3	4	–	5	9	–
<i>D</i>	–	2	5	–	6	3
<i>E</i>	8	–	9	6	–	–
<i>F</i>	11	7	–	3	–	–

Order arcs included:

Length of minimum spanning tree:

7. (a)



(b).....
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(c).....
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8. (a) $x =$
 $y =$
 $z =$

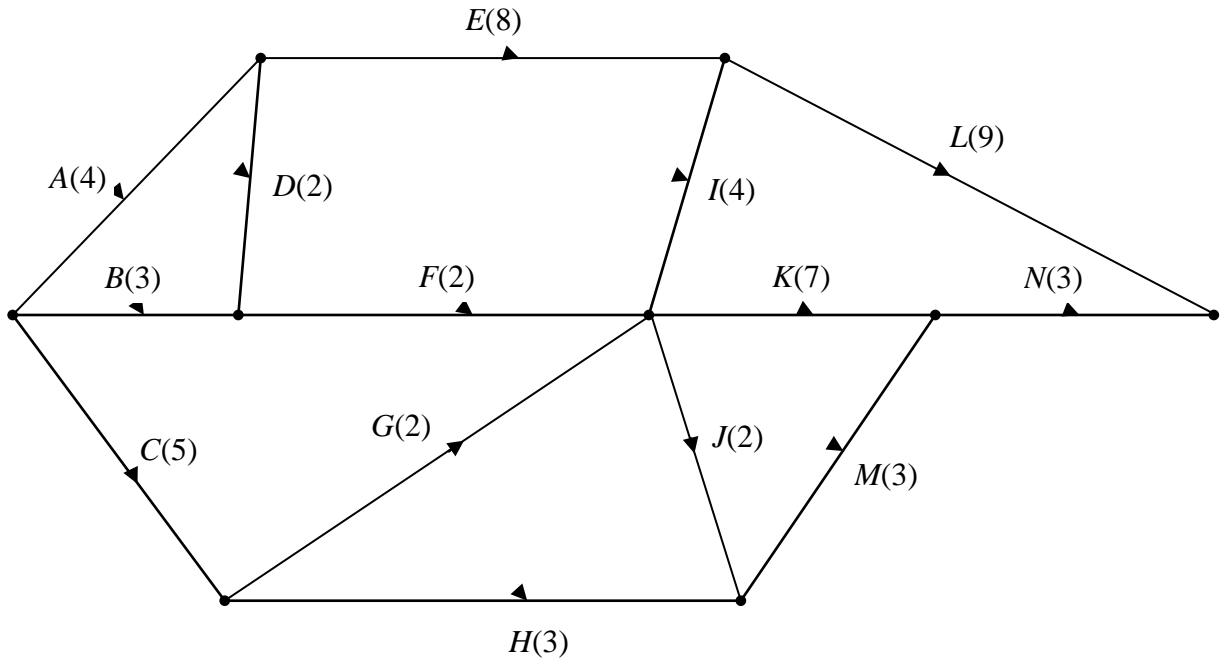
(b) Total time =
Critical activities:

(c)
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Total float on activity $N =$

Total float on activity $H =$

(d)



(e)

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Total project time =

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