

**ADVANCED SUBSIDIARY GCE
MATHEMATICS**

Decision Mathematics 1

4736

PRINTED ANSWER BOOK

Candidates answer on this printed answer book.

OCR supplied materials:

- Question paper 4736 (inserted)
- List of Formulae (MF1)

Other materials required:

- Scientific or graphical calculator

**Thursday 26 May 2011
Morning**

Duration: 1 hour 30 minutes



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

These instructions are the same on the printed answer book and the question paper.

- The question paper will be found in the centre of the printed answer book.
- Write your name, centre number and candidate number in the spaces provided on the printed answer book. Please write clearly and in capital letters.
- **Write your answer to each question in the space provided in the printed answer book.** Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do **not** write in the bar codes.
- You are permitted to use a scientific or graphical calculator in this paper.
- Give non-exact numerical answers correct to 3 significant figures unless a different degree of accuracy is specified in the question or is clearly appropriate.

INFORMATION FOR CANDIDATES

This information is the same on the printed answer book and the question paper.

- The number of marks is given in brackets [] at the end of each question or part question on the question paper.
- **You are reminded of the need for clear presentation in your answers.**
- The total number of marks for this paper is **72**.
- The printed answer book consists of **12** pages. The question paper consists of **8** pages. Any blank pages are indicated.

1 (i)	
1 (ii)	
1 (iii) (a)	
1 (iii) (b)	

2 (i)	
2 (ii)	
2 (iii)	

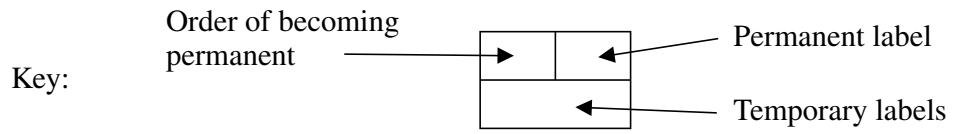
2 (iv)	
2 (v)	

3 (i)	
3 (ii)	
3 (iii)	
3 (iv)	• •
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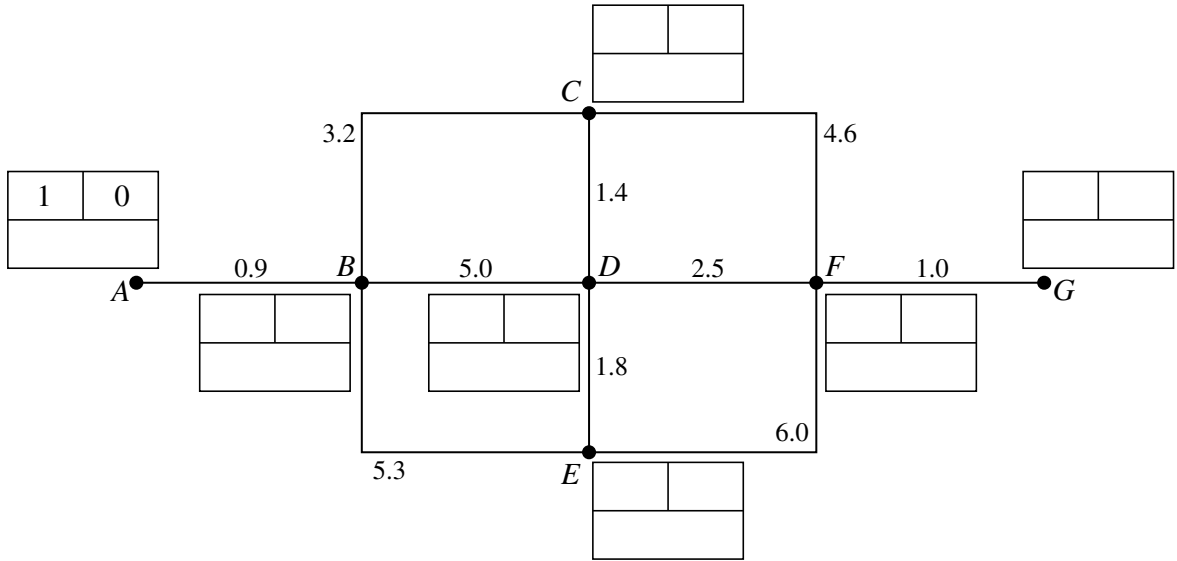
3 (v)	
4 (i)	

4 (ii)	
4 (ii)	

5 (i)



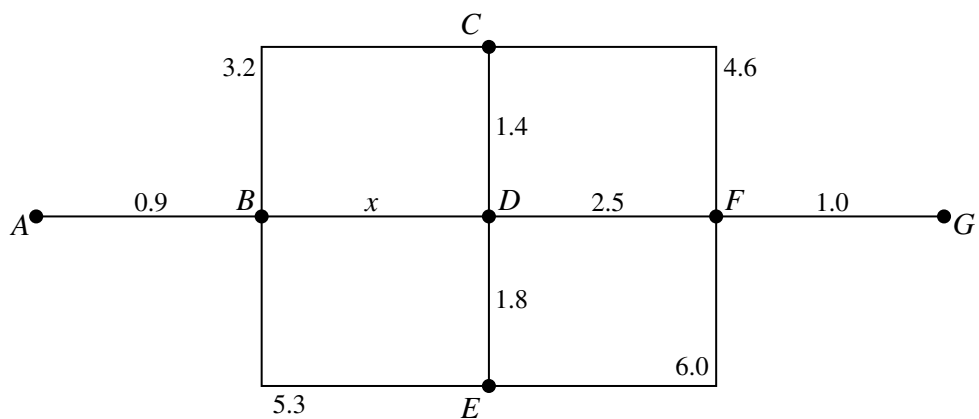
Do not cross out your working values (temporary labels)



5 (ii)

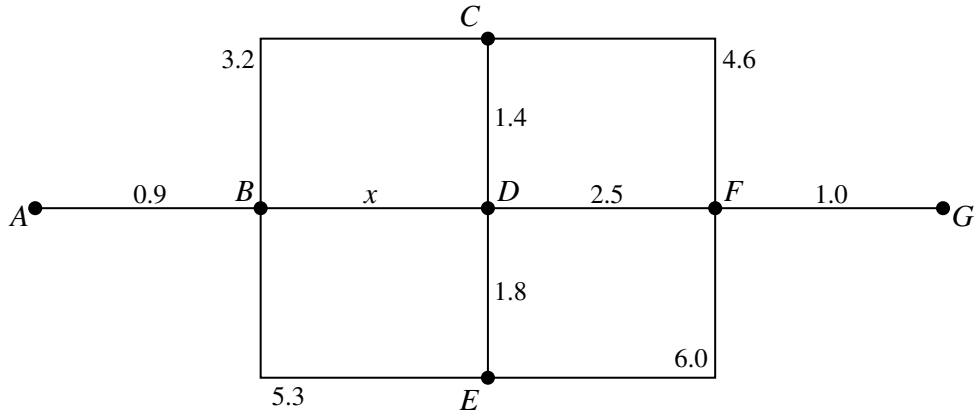
5 (iii) (a)	
5 (iii) (b)	
5 (iv)	
6 (i)	

6 (ii)

6 (iii) (a)

6 (iii) (b)

6(iv)(a)



6(iv)(b)

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