

Write your name here

Surname

Other names

Pearson Edexcel
Level 3 GCE

Centre Number

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Candidate Number

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Further Mathematics

Advanced

Further Mathematics Option 2

Paper 4: Decision Mathematics 2

Sample Assessment Material for first teaching September 2017

Paper Reference

9FM0/4G

Answer Book

Do not return the question paper with the answer book.

Total Marks

Turn over ►

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Pearson

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1.

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2.

	D	E	F	Available
A	15	19	9	25
B	11	18	10	55
C	11	12	18	20
Required	38	24	38	

(a)

	D	E	F	
A				
B				
C				

(b)

	D	E	F	
A				
B				
C				

	D	E	F	
A				
B				
C				

	D	E	F	
A				
B				
C				

	D	E	F	
A				
B				
C				

	D	E	F	
A				
B				
C				

3. _____

	P	Q	R	S
A	32	32	33	35
B	28	35	31	37
C	35	29	33	36
D	36	30	36	33

	P	Q	R	S
A				
B				
C				
D				

	P	Q	R	S
A				
B				
C				
D				

	P	Q	R	S
A				
B				
C				
D				

	P	Q	R	S
A				
B				
C				
D				

	P	Q	R	S
A				
B				
C				
D				

Question 3 continued

	P	Q	R	S
A				
B				
C				
D				

	P	Q	R	S
A				
B				
C				
D				

(Total for Question 3 is 13 marks)

4.

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5.

	B plays 1	B plays 2	B plays 3	B plays 4
A plays 1	4	-2	3	2
A plays 2	3	-1	2	0
A plays 3	-1	2	0	3

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Question 5 continued

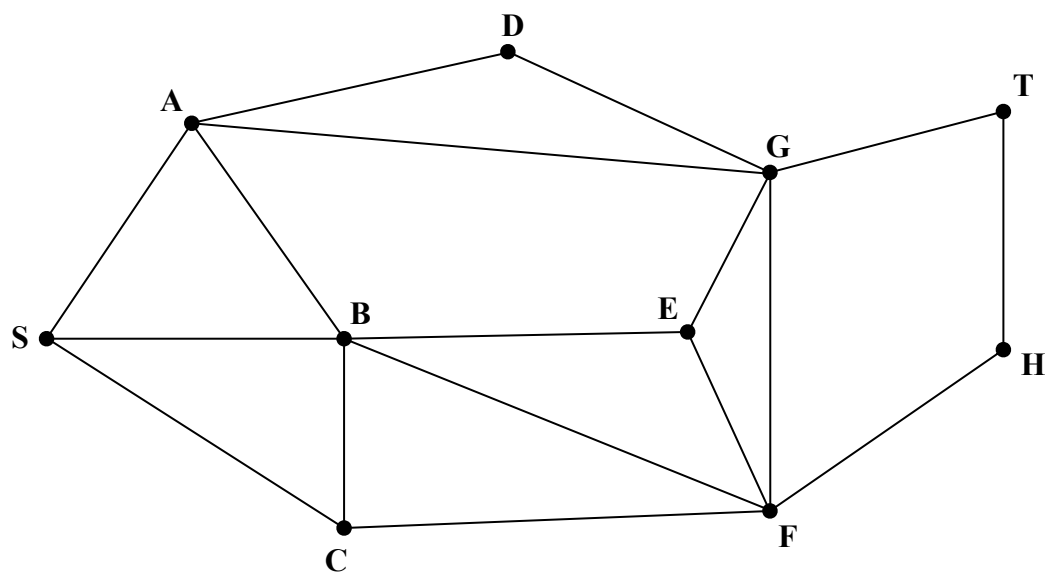
(Total for Question 5 is 12 marks)

6.

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Question 6 continued**Diagram 1****(Total for Question 6 is 12 marks)**

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[illegible]

Month	January	February	March	April	May
Number assembled					

Question 7 continued

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(Total for Question 7 is 12 marks)

TOTAL FOR PAPER IS 75 MARKS