

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Pearson Edexcel
Level 3 GCE

Centre Number

--	--	--	--	--

Candidate Number

--	--	--	--	--

Sample Assessment Material for first teaching September 2017

Paper Reference **8FM0/28**

Further Mathematics

Advanced Subsidiary

Further Mathematics options

28: Decision Mathematics 2

(Part of option K only)

Answer Book

Do not return the question paper with the answer book.

Total Marks

Turn over ►

S60747A

©2018 Pearson Education Ltd.

1/




Pearson

1.

	<i>P</i>	<i>Q</i>	<i>R</i>	<i>S</i>
<i>A</i>	7	8	18	6
<i>B</i>	8	21	–	12
<i>C</i>	6	17	9	–
<i>D</i>	16	20	13	11

You may not need to use all of these tables

	<i>P</i>	<i>Q</i>	<i>R</i>	<i>S</i>
<i>A</i>				
<i>B</i>				
<i>C</i>				
<i>D</i>				

	<i>P</i>	<i>Q</i>	<i>R</i>	<i>S</i>
<i>A</i>				
<i>B</i>				
<i>C</i>				
<i>D</i>				

	<i>P</i>	<i>Q</i>	<i>R</i>	<i>S</i>
<i>A</i>				
<i>B</i>				
<i>C</i>				
<i>D</i>				

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



3. (a)

(b) (i) $C_1 =$ _____ $C_2 =$ _____

(ii) Value of initial flow _____

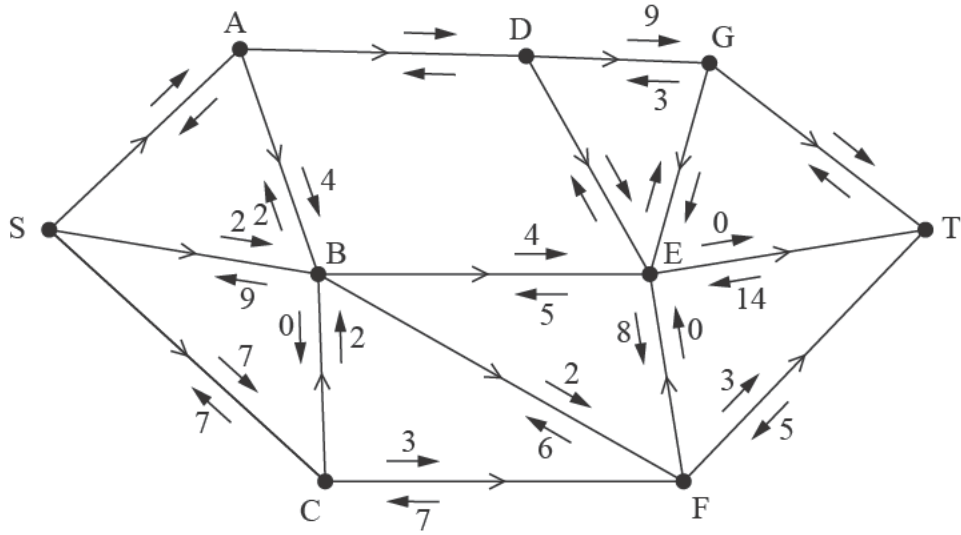


Diagram 1

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



Question 3 continued

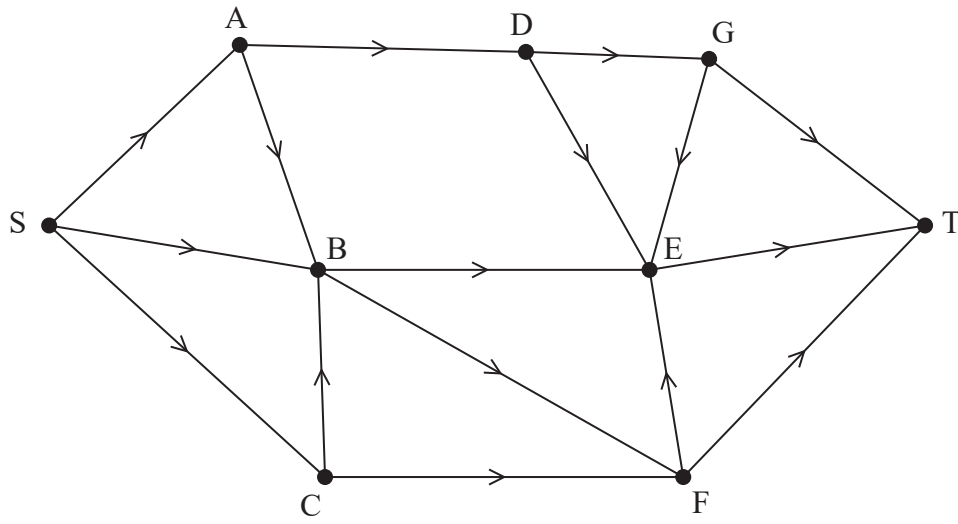


Diagram 2

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(Total 13 marks)

Q3



S 6 0 7 4 7 A 0 7 0 8

Leave
blank

4.

Lined writing area for question 4.

(Total 7 marks)

Q4

TOTAL FOR DECISION MATHEMATICS 2 IS 40 MARKS

END



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA