

Candidate Name	Centre Number	Candidate Number



OXFORD CAMBRIDGE AND RSA EXAMINATIONS

**Advanced Subsidiary General Certificate of Education
Advanced General Certificate of Education**

MATHEMATICS

4736

Decision Mathematics 1

INSERT for Question 4

Tuesday

7 JUNE 2005

Afternoon

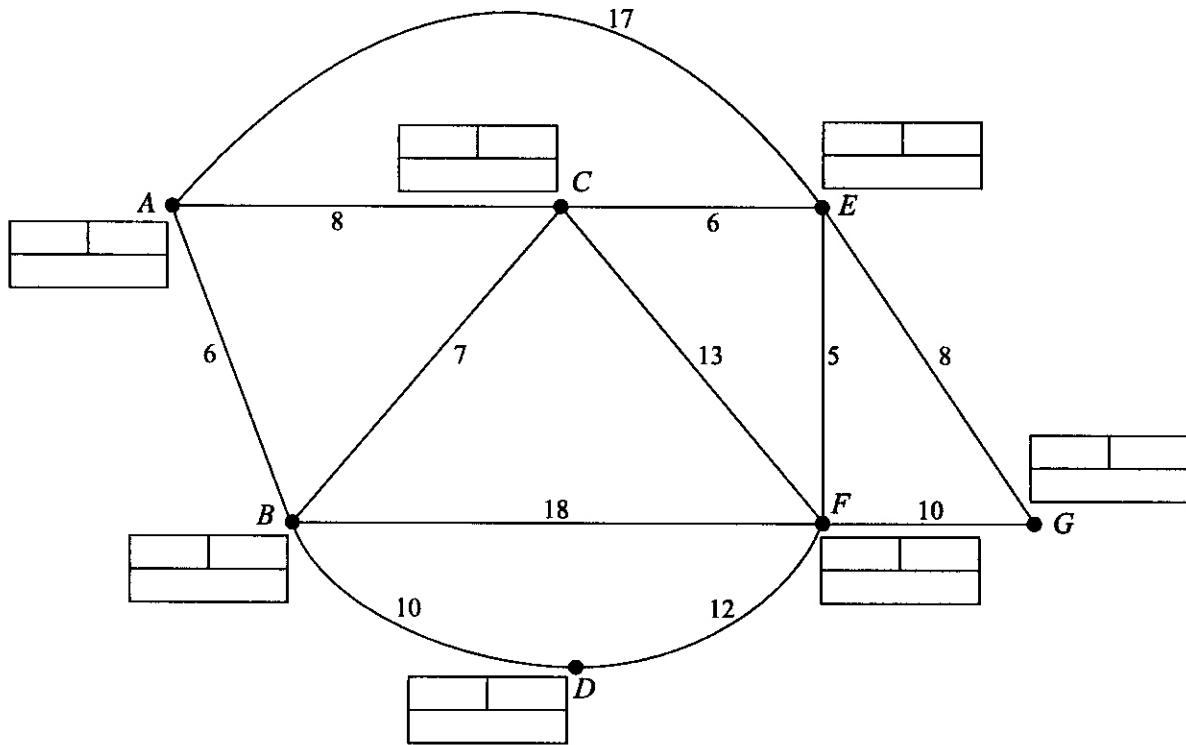
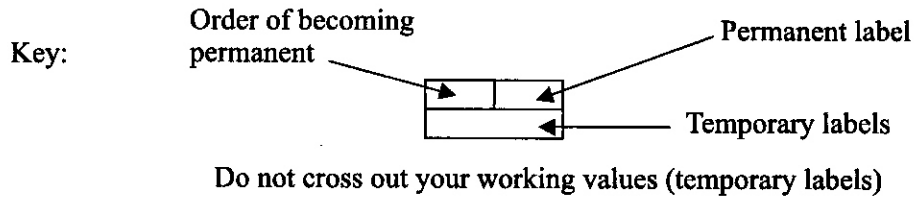
1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

- This insert should be used to answer Question 4.
- Write your name, centre number and candidate number in the spaces provided at the top of this page.
- Write your answers to Question 4 in the spaces provided in this insert, and attach it to your answer booklet.

This insert consists of 2 printed pages.

4 (i)



Vertex	B	C	D	E	F	G
Length of shortest path from A						

Route of shortest path from A to G

(ii)

Length of shortest route that uses **every** road starting and ending at A km

(iii)

Length of shortest route that uses **every** road starting at A and ending at G km