

PIONEER JC
PRELIMINARY EXAMINATION 2013



GEOGRAPHY
Higher 2

9730/01

INSERT 1

3 hours

READ THESE INSTRUCTIONS FIRST

This Insert contains all the Figures referred to in the questions

This document consists of **6** printed pages and **1** blank page.

Photograph A for Question 1

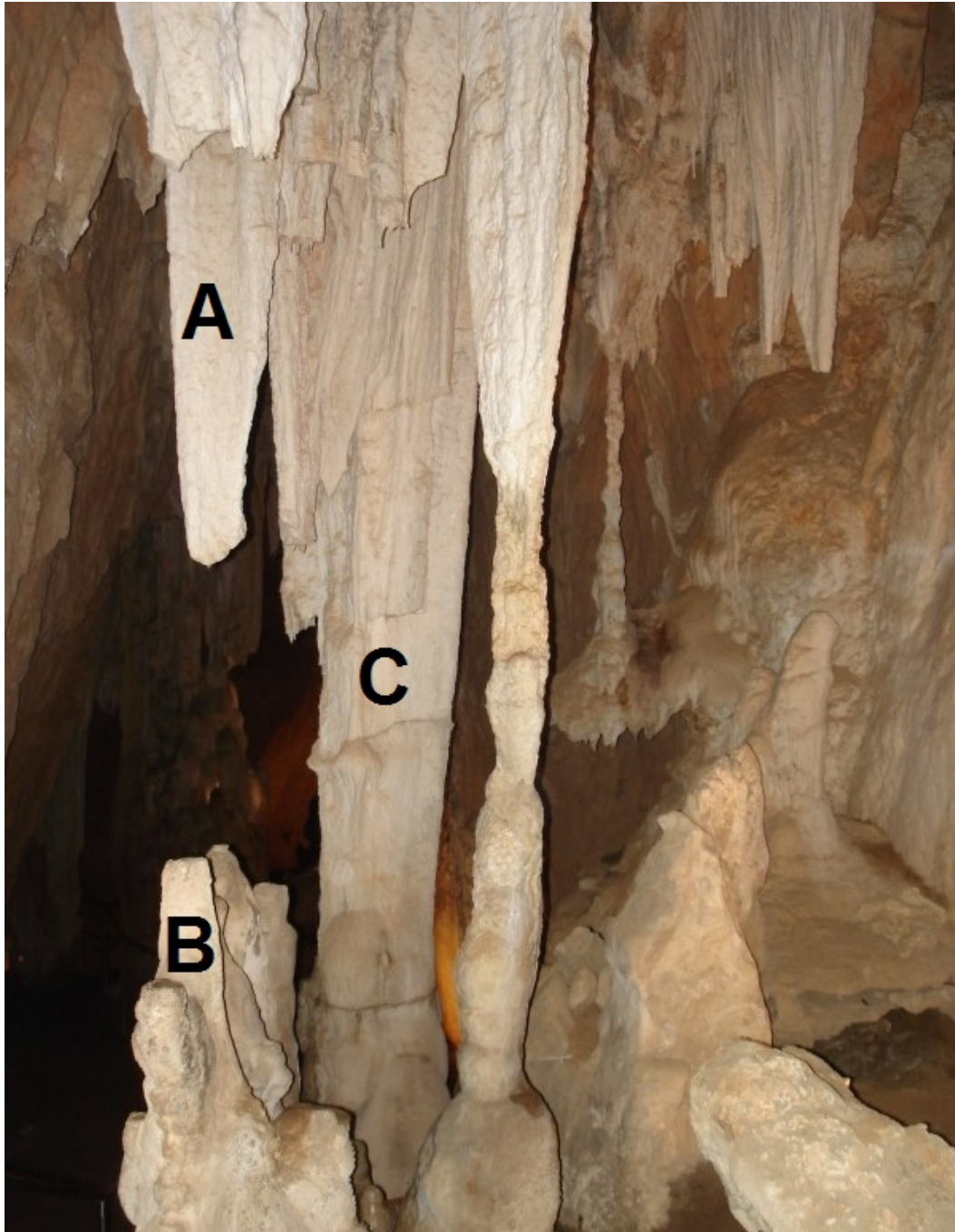


Fig. 1A for Question 2

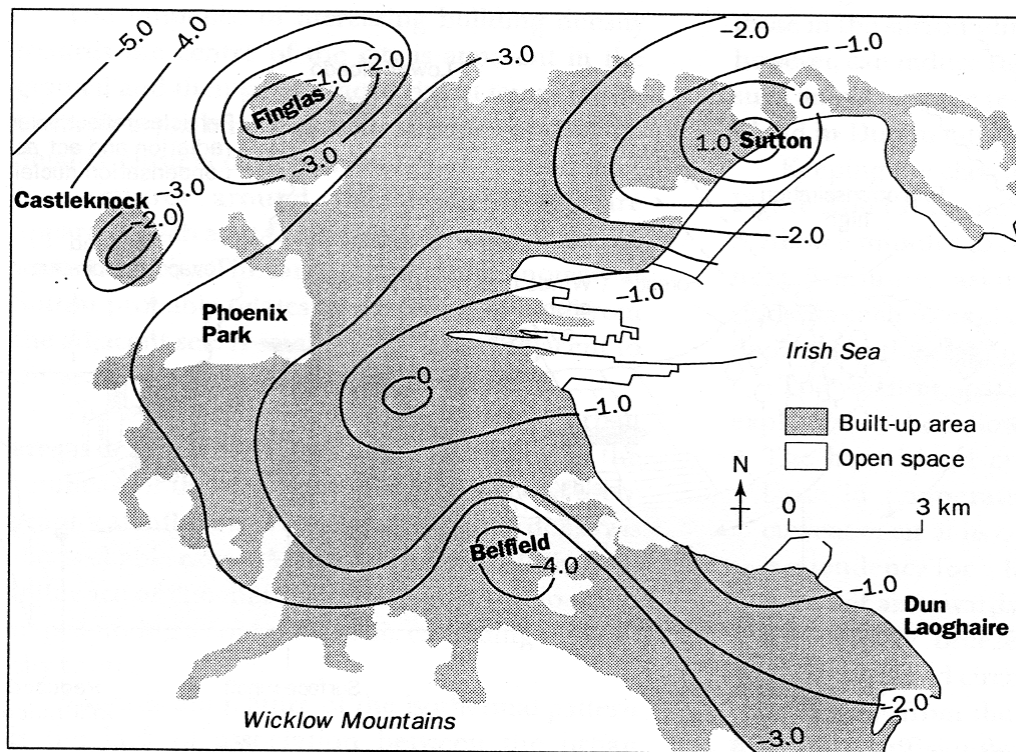
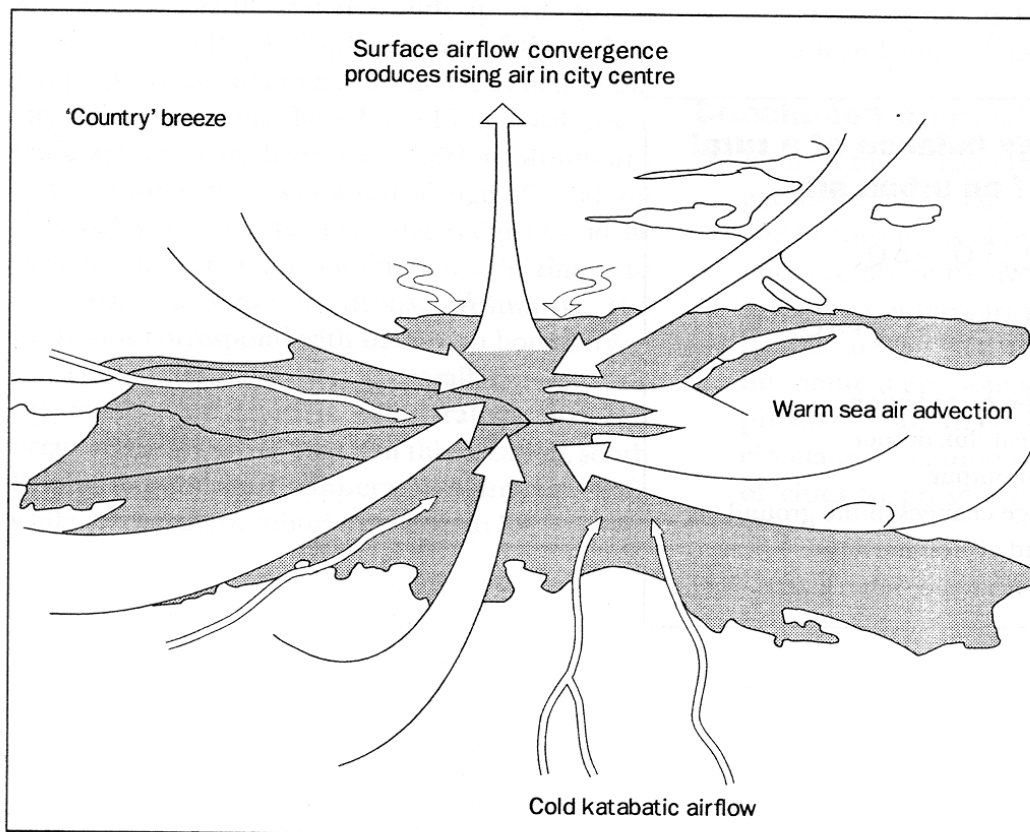


Fig. 1B for Question 2



Source: Sweeney, J. 'The urban heat-island of Dublin City' *Irish Geography*, Vol. 20, pp. 1-10.

Table 1 for Question 3

Channel Data	Stream A	Stream B
Width of channel	9.6 metres	6.4 metres
Depth of channel		
Area of cross-section	7.5 square metres	6.6. square metres
Mean velocity	0.8 metres/second	1.4 metres/second
Discharge	6.0 cubic metres /second	9.24 cubic metres / second
Wetted Perimeter	11.5 metres	7.5 metres
Hydraulic radius		

Fig. 2A for Question 4

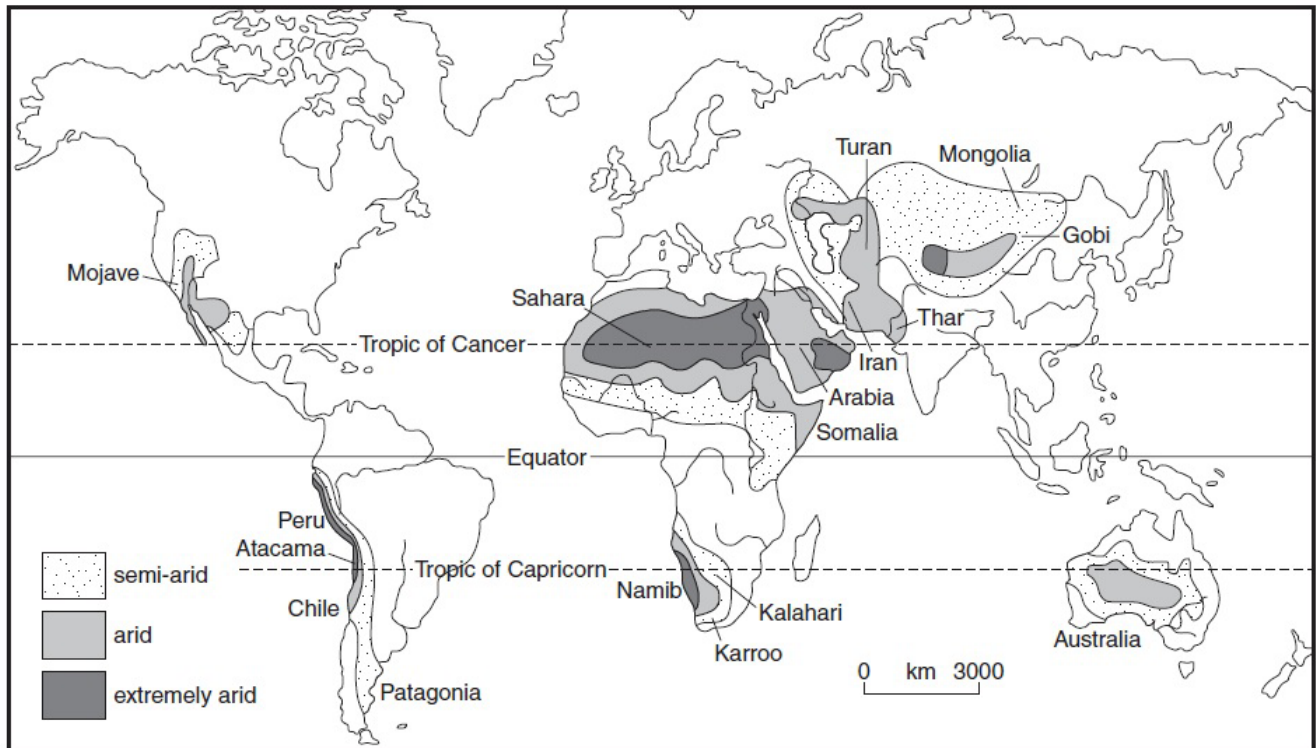
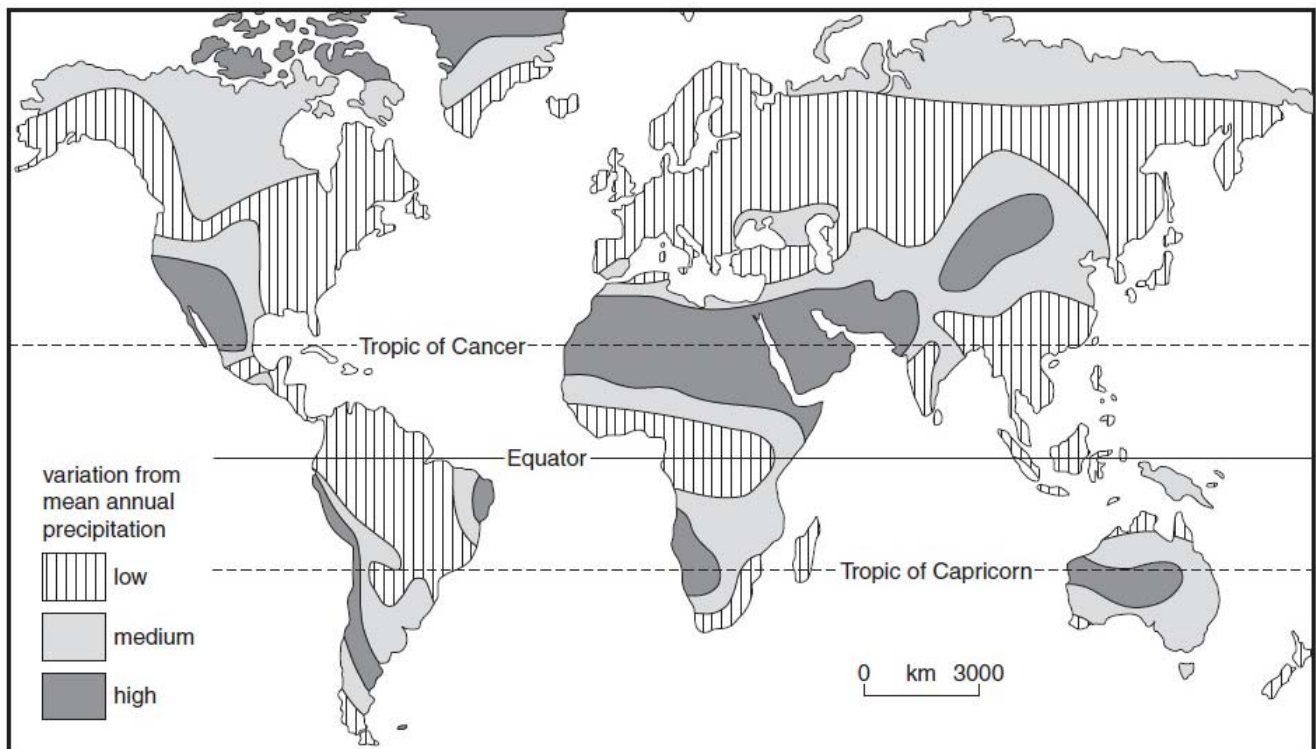


Fig. 2B for Question 4



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