

Candidate Name: _____ CT Group / Index no.: _____

PIONEER JUNIOR COLLEGE
JC 2 Preliminary Examination 2016



GEOGRAPHY
HIGHER 2

9730/01

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READ THESE INSTRUCTIONS FIRST

This Insert contains all the Figures referred to in the questions

Fig. 1, Fig. 2 and Fig. 3 for Question 1



Fig. 1: Epicentre of Chile Earthquake 2010

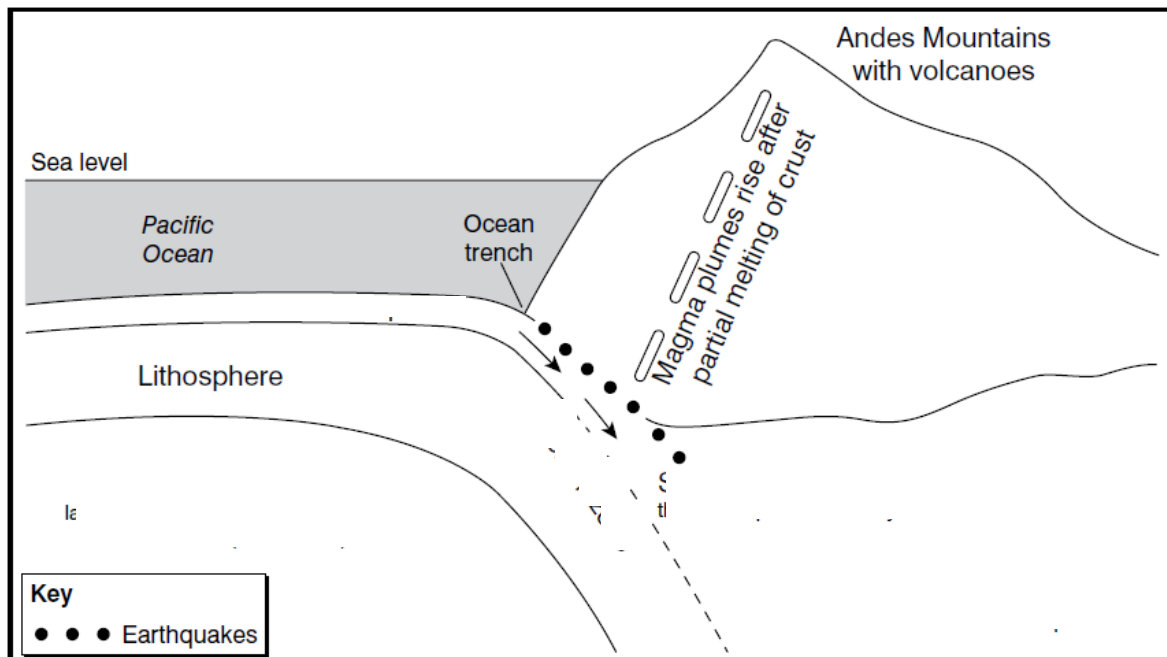
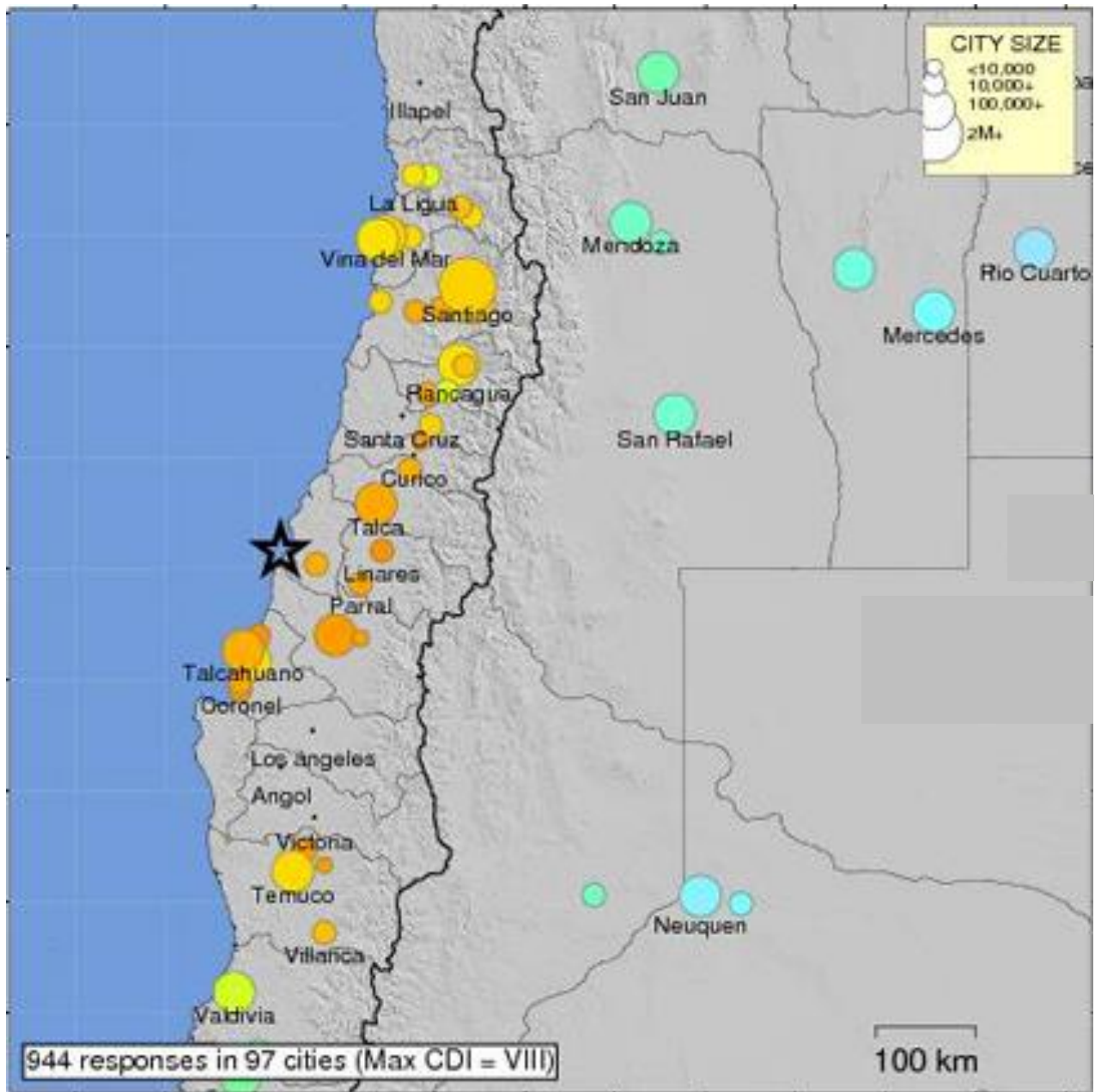


Fig. 2: Plate Boundary of Chile Earthquake



75°W		70°W					65°W		
INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
SHAKING	Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
DAMAGE	none	none	none	Very light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy

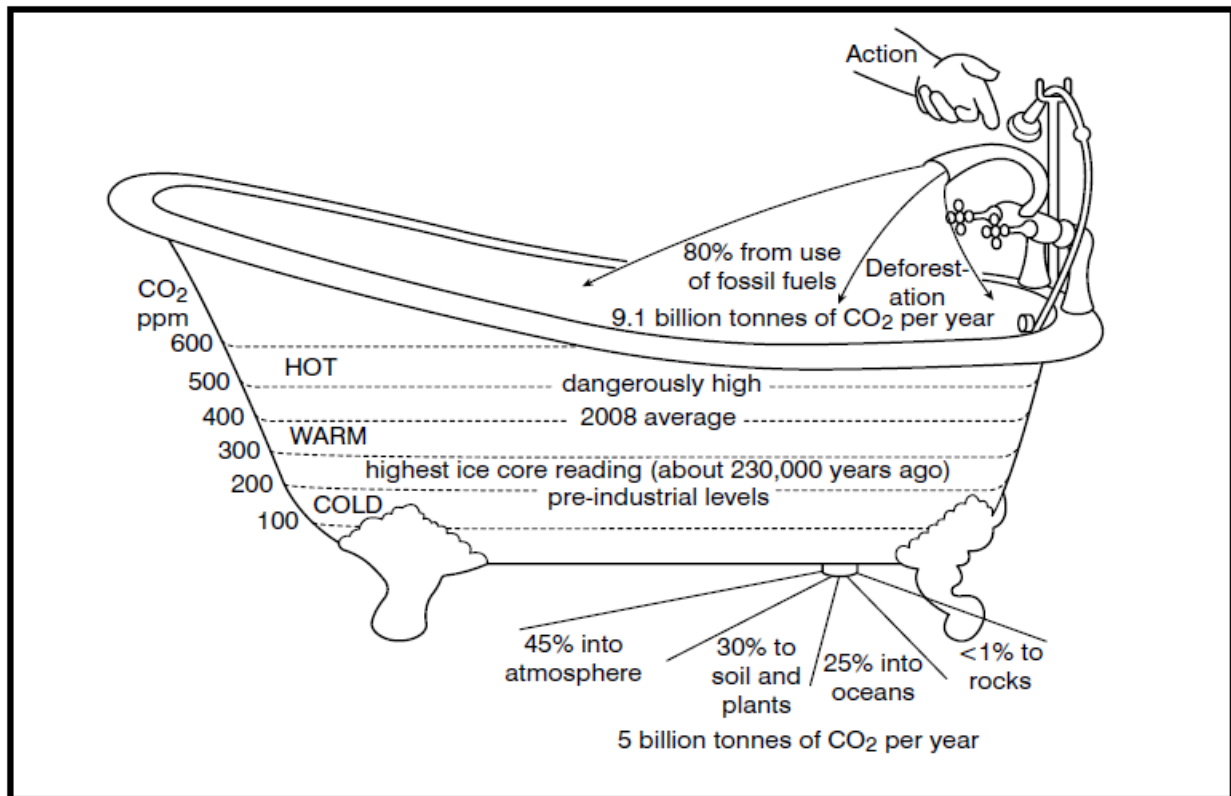
Legend:



Epicentre

Fig. 3: Intensity of Shaking and Damage of the different cities of Chile Earthquake 2010

Fig. 4 and Fig. 5 for Question 2

Fig. 4: An illustration outlining the input and output of CO₂

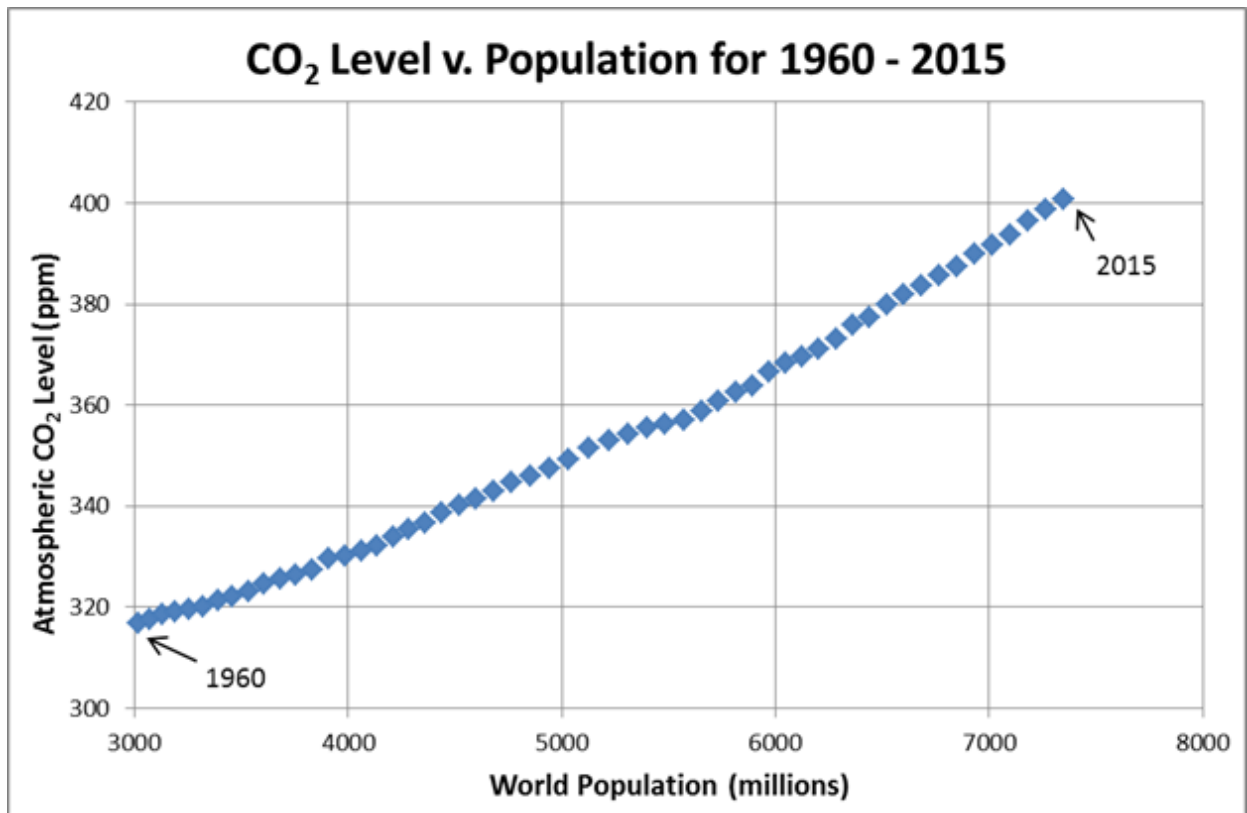


Fig. 5: CO₂ level vs world population for 1960-2015

Fig. 6 and Fig. 7 for Question 3



Fig. 6: Map of Columbia River

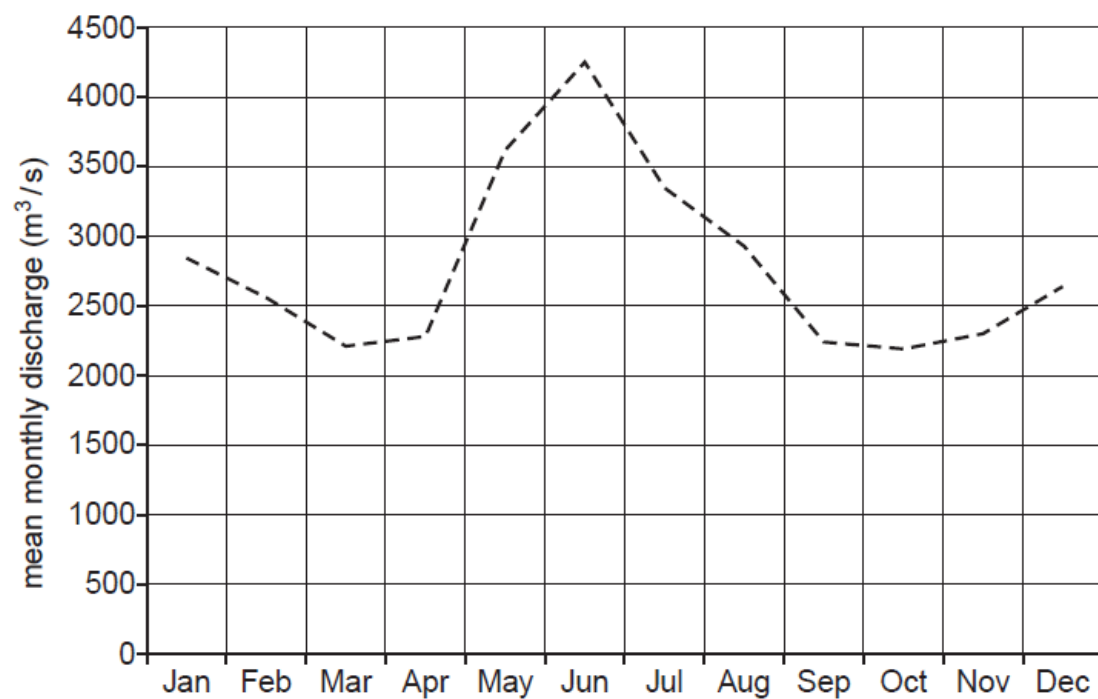


Fig. 7: Annual Hydrograph for the Columbia River in Canada

Fig. 8A, 8B and Photograph A for Question 4

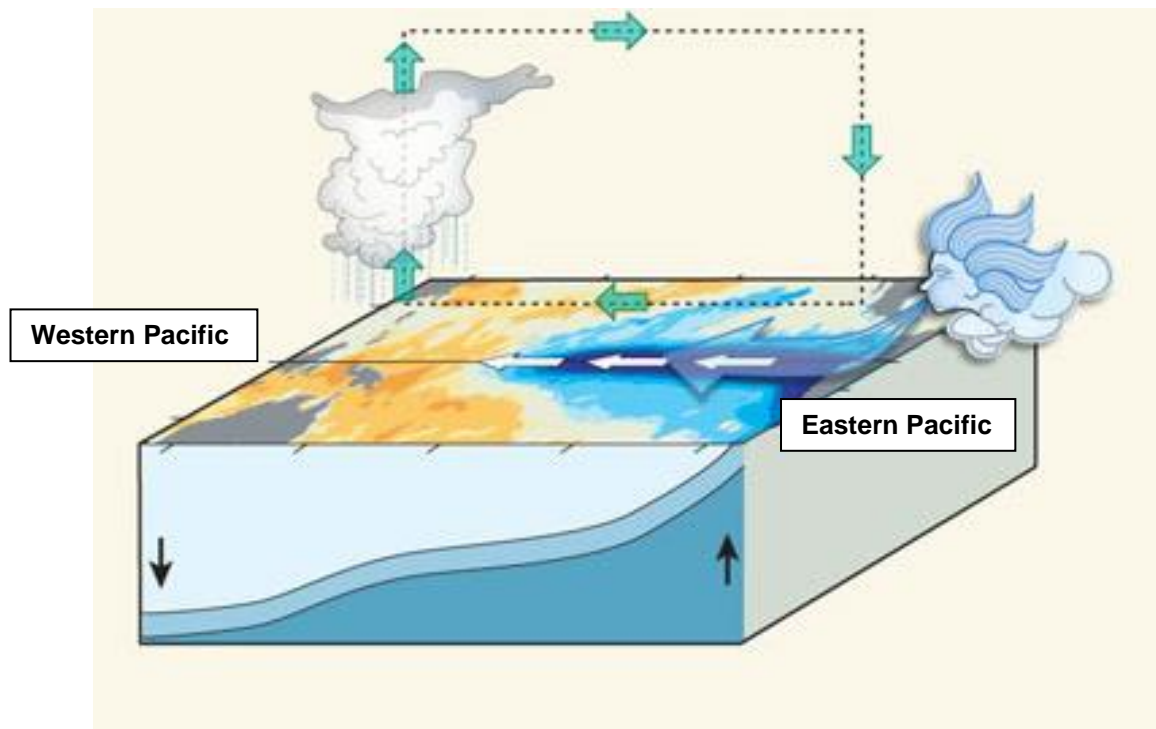


Fig. 8A: Normal Conditions (walker circulation)

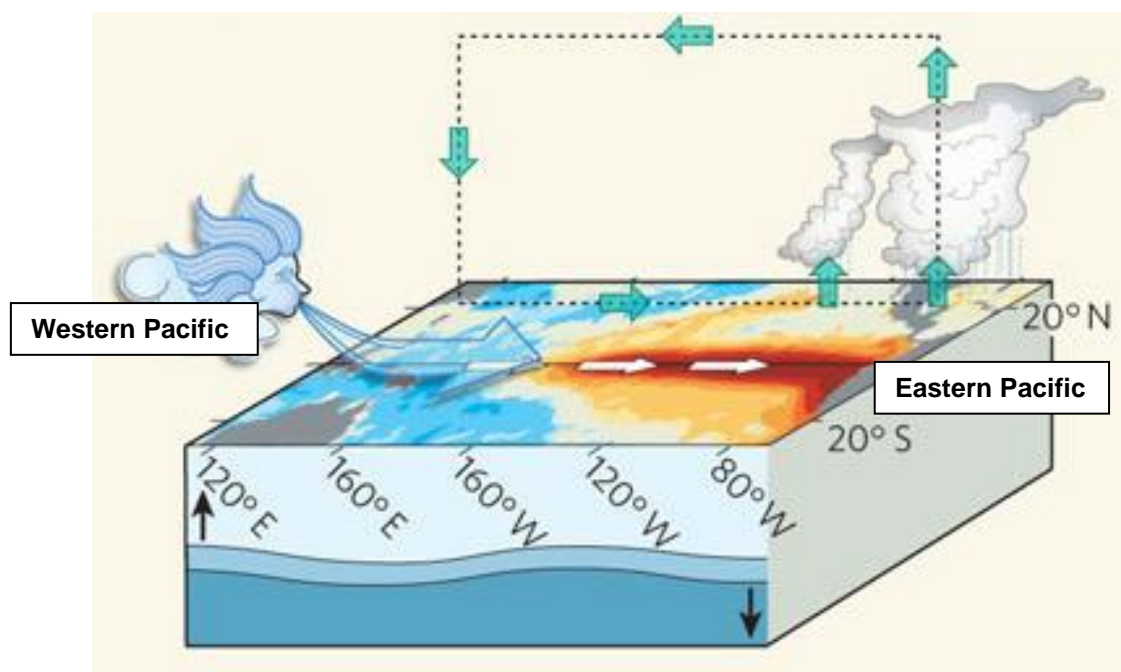


Fig. 8B: El Nino Conditions



Photograph A: The Urubamba River in Peru, El Nino 2010

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