• Consider the following pairs of compounds. Indicate the isomeric relationship that exists between the compounds in each set.

Marks 8

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
H NMe_2 HO H NMe_2 (A) H NMe_2	
(B) Br Br	
CO_2Et CO_2Et H CI H CI H CI CI CI CI CI CI CI CI	

What is the configuration of the stereogenic centre in compound (A)?

Give the full name of compound (B) that unambiguously describes its stereochemistry.

Is compound (C) a meso isomer? Give a reason for your answer.