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

Marks 8

(\mathbf{A})		
H, NMe ₂ OH (B)	HO H NMe ₂	
H CI H CH_3	$HO \longrightarrow H$ CH_3	
CHO H—OH HO—H CO ₂ Et	CHO HO—H CO_2Et (C)	

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

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

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