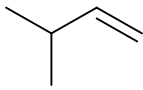
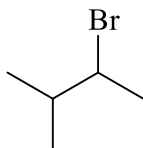
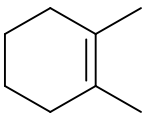
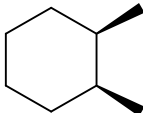
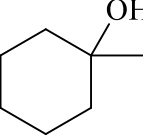
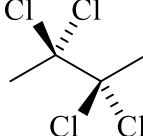
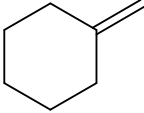
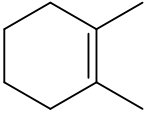


Marks
4

• Complete the following table.		
STARTING MATERIAL	REAGENTS/CONDITIONS	THE MAJOR ORGANIC PRODUCT(S)
		
		
	dilute aqueous H ₂ SO ₄	
	2 equivalents of Cl ₂	

- Complete the following table. Make sure you indicate any relevant stereochemistry.

Marks
3

STARTING MATERIAL	REAGENTS/ CONDITIONS	CONSTITUTIONAL FORMULA(S) OF MAJOR ORGANIC PRODUCT(S)
	dry HI	
$\text{H}-\text{C}\equiv\text{C}-\text{CH}_3$	excess Br_2 in CCl_4 solvent	
	H_2 / Pd / C	

Marks
3

- Draw the constitutional structure of the major organic product formed in the following reactions. Indicate the correct isomer where appropriate.

