Question			Answer	Mark	Guidance
1	(a)	(1)	(series of compounds with the) same functional group OR same/similar chemical properties OR same/similar chemical reactions ✓	2	
		(10)	C,H _b ✓	1	
		(iii)	More carbons (in ring) OR more (surface area of) contact AND more van der Waals forces OR stronger van der Waals forces	2	Both answers need to be comparisons ALLOW ORA throughout ALLOW has more electrons OR larger (carbon) ring OR higher molecular mass IGNORE bigger molecule IGNORE chain instead of ring DO NOT ALLOW 'more contact between atoms' ALLOW 'VDW' for van der Waals 'More intermolecular forces' is not sufficient
			More energy needed to break the intermolecular forces ✓		ALLOW it is harder to overcome the intermolecular forces ALLOW intermolecular bonds / van der Waals bonds ALLOW more energy is needed to separate molecules IGNORE more energy is needed to break bonds

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