

Multiple Choice Answers

Q6: A

Multiple Choice Answers

Q7: A

Multiple Choice Answers

Q5: D

2(a)(i)	B
2(a)(ii)	F
2(a)(iii)	D
2(b)(i)	M1 A M2 high melting point AND/OR high boiling point M3 poor conductor of electricity when solid AND molten
2(b)(ii)	M1 C M2 <u>only</u> conducts electricity when molten

Multiple Choice Answers

Q6: A

2(a)	M1 (strong) (electrostatic) attraction between ions M2 ions have opposite charges
2(b)	M1 8 dots in third shell of each K M2 6 crosses and 2 dots in third shell of S M3 '+' charge on each K ion on correct answer line and '2-' charge on S ion on correct answer line
2(c)(i)	M1 3 correctly positioned positive ions next to given negative M2 all ions correct
2(c)(ii)	cation(s)
2(d)(i)	electrolysis
2(d)(ii)	$2\text{Br}^- \rightarrow \text{Br}_2 + 2\text{e}^-$ M1 any negative Br species losing electron(s) M2 correct ionic half equation
2(d)(iii)	M1 hydrogen M2 bubbles M3 oxygen M4 water M5 bubbles