

Energy - Nov 2009 paper Mark Scheme

Question Number	Acceptable Answers	Extra Information	Mark
4 (a)	32		1

Question Number	Acceptable Answers	Extra Information	Mark
4 (b)(i)	more than 2 ½ minutes		1
4 (b)(ii)	temperature is not steady dop		1

Question Number	Acceptable Answers	Extra Information	Mark
4 (c)(i)	stand stopwatch ruler three more (identical) thermometers tripod heat resistant gloves	Any two	1 1
4 (c)(ii)	temperature of water distance of thermometer from cube time at which temperature taken room temperature	Any two	1 1
4 (c)(iii)	place thermometer close to one side note temp repeat for other sides		1 1 1
4 (d)(i)	too near flame		1
4 (d)(ii)	place thermometer further from flame measure heat flow rather than temperature	Any one	1

(Total 12 marks)

PAPER TOTAL: 50 MARK