

Marking Scheme: EE217 & EE372 Exams (S. O. Kasap)

ANSWER	MAXIMUM
<u>Correct method, clear explanations and key steps outlined</u> <u>All important assumptions stated</u> Definitions of terms and symbols given where necessary Correct numerical answer <u>Correct and conventional units</u> e.g. eV not joules for atomic energies, MPa for stress, nm for atomic size, etc.	100%
<i>Minor numerical mistake usually right at the end of calculations (final step)</i> Correct units. Conventional units Correct method and clear explanation All assumptions stated Definitions of terms and symbols given <u>Student states that the answer is wrong, states how to correct it and states an order of magnitude for the answer (e.g. 1eV or 100eV).</u>	30-50%
<i>Wrong numerical answer</i> Correct units Correct method and <u>clear explanation. All key concepts shown.</u> <u>All important assumptions stated</u> Definitions of terms and symbols given where necessary	30%
<i>Wrong units throughout</i> "Correct numerical answer" Correct method and clear explanation All important assumptions stated Definitions of terms and symbols given where necessary	30%
<i>Wrong method or wrong equation etc.</i> (wrong definitions of terms and symbols etc.) No key concepts shown. <u>Even though correct numerical answer</u> and correct and conventional units	0%