

Numerical answers: Paper 3C1 / 3P1 2014

1 (b) (ii) $f=1.66$, $D_e = 16.6$ mm, 50% bainite and 50 % martensite, 520 HV

(c) (ii) $\Delta t_{8-5} = 180$ °C/min, 70% bainite and 30% martensite.

4 (b) (iii) $F = h_1 Y \ln(h_1/h_2)$