Question number		Answer	Notes	Marks
6 (a) (i)		only 2.65 (mm) circled;		1
	(ii)	discards anomaly; performs averaging; quotes answer to 3sf / 2 d.p.; e.g. 3.60 + 3.62 + 3.63 + 3.61 + 2.65 + 3.62 + 3.60 + 3.61 (= 25.29) 25.29 ÷ 7 = 3.612857... = 3.61 (to 3 sf	÷ 7 or ÷ 8 sufficient even if sum is incorrect e.g. 3.61→3 marks 3.6128 →2 marks (wrong sf) 3.49→ 2 marks (includes anomaly) 3.4925→ 1 mark (includes anomaly and wrong sf)	3
(b) (i)		Bar chart/graph;	condone histogram	1
	(ii)	Idea that (size) data is discontinuous; and either of - Idea that there are no values between sizes; Idea that a line graph would indicate continuity;	discrete, categoric, non continuous allow "no half sizes"	2
	(iii)	Idea of inverse relationship; Idea of non-linearity;	allow a pattern sentence, condone negative correlation allow "almost" linear Ignore idea of proportionality	2

Question number	Answer	Notes	Marks
9 (a) (i)	density = $\dfrac{\text{mass}}{\text{volume}}$	Allow symbols and rearrangements, e.g. $\rho = m / V$	1
(ii)	substitution into correct equation; calculation; matching unit; e.g. Density = 138 ÷ 16.3 = 8.47 g/cm^3	8.466, 8.5	3
(b)	B (incorrect and slightly too small)		1

Total 5 marks