Question number	Answer	Notes	Marks
2 (a)	9 (kPa);		1
(b)	(liquid) pressure = depth (of liquid) × density × *g*;	accept d, h, height for depth rho, ρ for density g.f.s or gravitational field strength for *g* reject gravity for *g*	1
(c)	substitution; rearrangement; evaluation; e.g. pressure difference = 9 kPa 9 000 = d × 960 × 10 d = 9000 / (9600) d = 0.94 (m)	allow ecf from (a) allow use of g = 9.8(1) m/s^2 giving 0.96 m allow 0.937(5) POT error penalty of 1 mark, except if formula is incorrect i.e. no 'g'	3

Total for Question 2 = 5 marks