

Q9.

Question Number	Acceptable Answers	Additional Guidance	Mark
	B		1

Q10.

Question Number	Answer	Mark
	B stress v strain	1
	Incorrect Answers: A – gradient \neq Young modulus C – gradient \neq Young modulus D – gradient \neq Young modulus	

Q11.

Question Number	Answer	Mark
	A $\frac{36000 \times 0.5}{4.5 \times 10^{-4} \times 2.0 \times 10^{-4}}$	1
	Incorrect Answers: B – incorrect arrangement of equation C – incorrect arrangement of equation D – incorrect arrangement of equation	

Q12.

Question Number	Answer	Mark
	C $\frac{F/A}{\Delta x/x}$ (stress/strain)	1
	Incorrect Answers: A incorrect arrangement B incorrect arrangement D incorrect arrangement for strain	