


Q15.

Question Number	Answer	Mark
	B momentum	1
	Incorrect Answers: A – scalar quantity C – scalar quantity D – scalar quantity	

Q16.

Question Number	Answer	Mark
	B distance	1
	Incorrect Answers: A – acceleration is a vector quantity C – momentum is a vector quantity D – velocity is a vector quantity	

Q17.

Question Number	Acceptable Answer	Additional Guidance	Mark
	D 		1

Q18.

Question Number	Answer	Mark
	C	1

Q19.

Question Number	Acceptable answers	Additional guidance	Mark
	The only correct answer is A B is not correct as the rebound velocity will be about $0.7 \times v_{\text{initial}}$ C is not correct as the velocity must switch sign on rebound D is not correct as the velocity must switch sign on rebound		1