Question number	Answer	Mark
5	D The only correct answer is **D** because the component of momentum perpendicular to the surface is $mv\sin\theta$ so the change in momentum is $2mv\sin\theta$ and the time is t and force = change in momentum divided by time A is not the correct answer because it does not take account of the angle B is not the correct answer because it does not take account of the angle C is not the correct answer because it is only half of the correct value	(1)