

Question number	Answer	Notes	Marks
1 (a)	<p>B – gravitational;</p> <p>A is incorrect because there are no charges C is incorrect because there are no magnetic fields D is incorrect because nuclear forces are short range</p>		1
(b)	<p>D – universe;</p> <p>A is incorrect because the universe contains billions of galaxies B is incorrect because each solar system contains several planets C is incorrect because galaxies contain billions of stars</p>		1
(c)	<p>A – absolute magnitude;</p> <p>B is incorrect because colour determines the surface temperature of a star C is incorrect because diameter determines the power of a star D is incorrect because temperature determines the power of a star</p>		1