

Question number	Answer	Mark
2	<p>D</p> <p>The only correct answer is <b>D</b> because conservation of lepton number is violated because there should be an electron anti-neutrino rather than an electron neutrino</p> <p>A is not the correct answer because baryon number is conserved</p> <p>B is not the correct answer because charge is conserved</p> <p>C is not the correct answer because the equation does not give an indication of kinetic energy and the mass-energy for the products is not more than for the neutron</p>	(1)