## Mrs Nada Lotfi-Baker

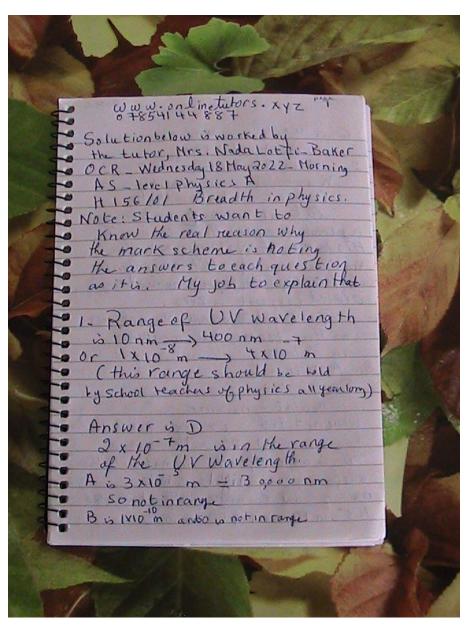
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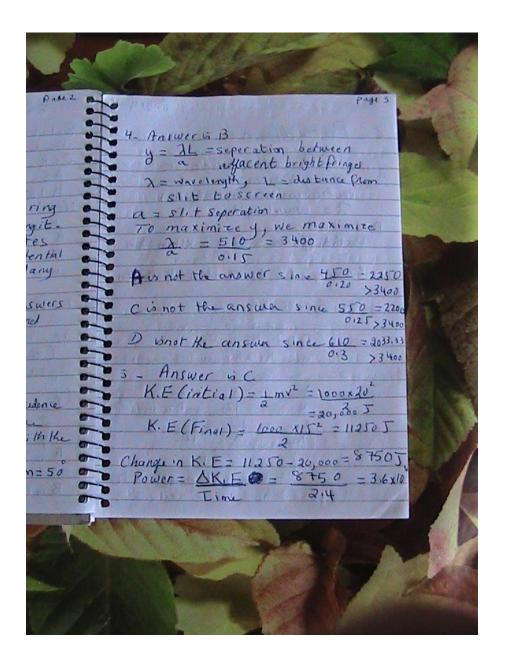
OCR A - Physics A level AS paper 1 - Breadth in physics - 2022 Wednesday 18th May

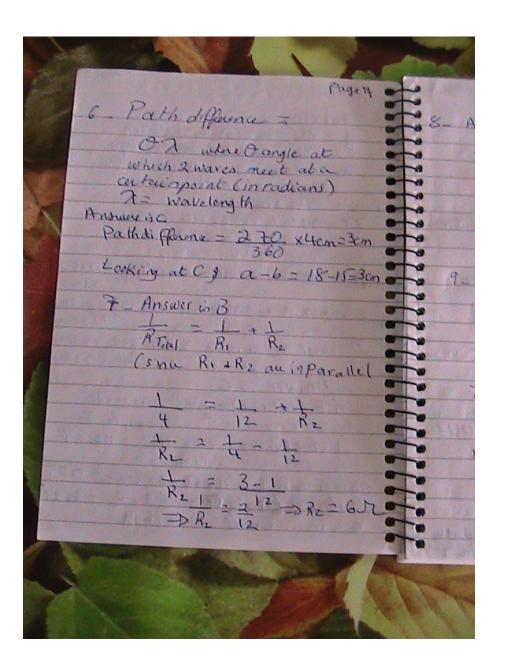
Mrs Lotfi - Baker had done handwriting solution to the following paper to help the students understand the answers better than they are in the mark scheme

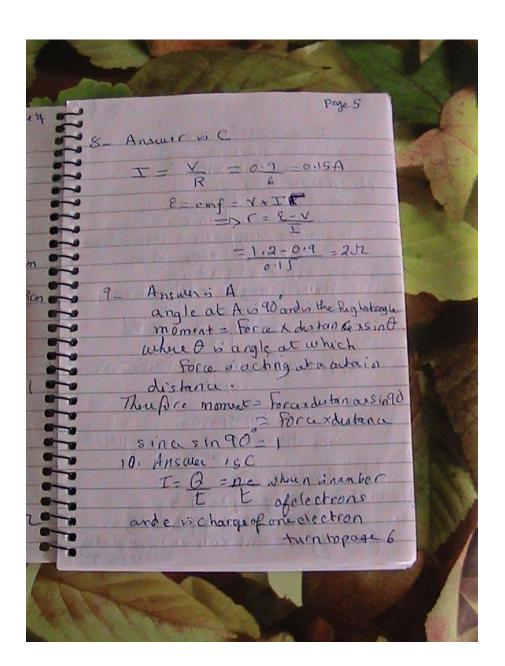
677416-question-paper-breadth-in-physics.pdf (ocr.org.uk)

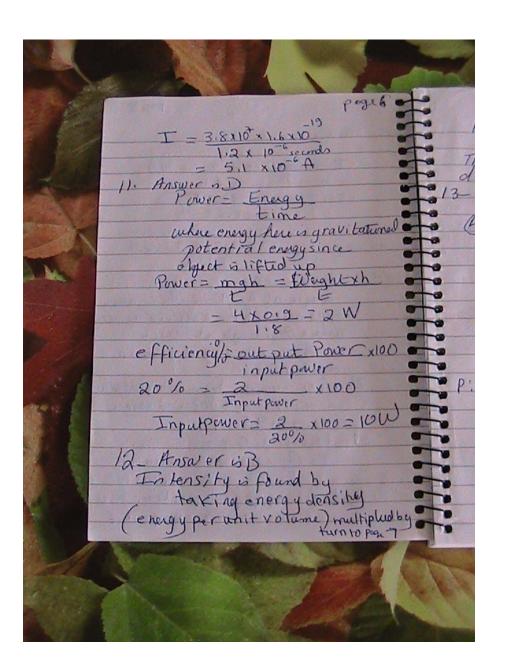


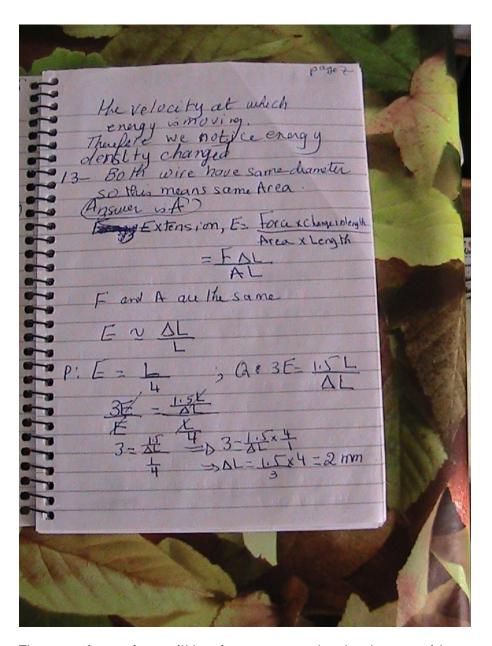
Kirchoff law about States total current entering a junction equal that leaving it. Hislandbut Voltage States that the sum of electrical potential differences (voltages) aroundary closed circuit is Zero. B, Cand D arenot the answers as their terms are mentioned in Helaws 3. Answer is C Snell's law n, Sini = na sinr where n = 115 i = angle & incidence = 90-20 = 70 since i is angle 100 ft the normal with the surface where light is hit na = n and r= argle of refraction= 50 1.5 sin 70 = nsin 50 as in C











The rest of questions will be given once you book a lesson with me at 07854144887