Practice Question Set For GCSE

Subject: Physics

Paper-2 Topic: Waves (Low Demand Questions)



Name of the Student:_ Max. Marks: 18 Marks Time: 18 Minutes Mark Schemes Q1. (a) R 1 (b) they have the same wave speed as visible light 1 they have a lower frequency than gamma rays 1 (c) any **two** from: ageing of the skin allow sunburn burn unqualified is insufficient skin cancer cancer is insufficient allow mutation of genes in skin cells eye damage allow blindness 2 (d) any two from: gamma (rays) X-rays ultraviolet 2 [7] **Q2**. (a) light 1 ionising 1 x-rays have a longer wavelength and a lower frequency (b) 1 0.039 + 0.035 + 0.0403 (c) 1 = 0.038 (milllisieverts)

[11]

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