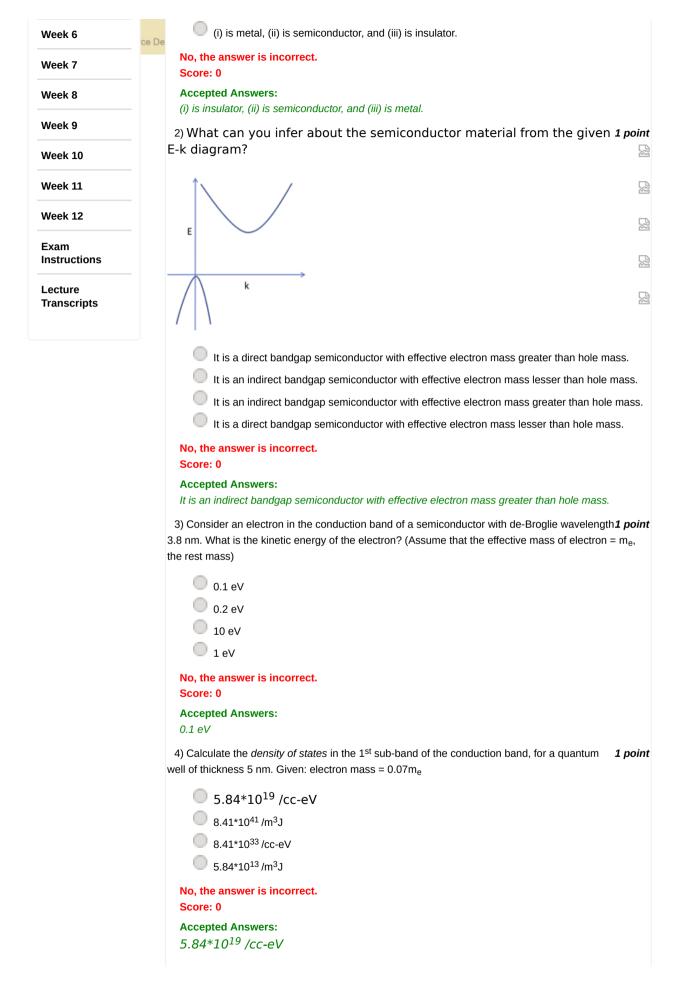


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5) Consider a piece of semiconductor having the dimensions $L_x \times L_y \times L_z$ as 5 mm \times 2 **1** *point* mm \times 1 mm. In the k-space, the smallest k-vector with all three components non-zero $(k_x, k_y, k_z \neq 0)$ is—

O (5π, 2π, π) mm ⁻¹	
 (0.2π, 0.5π, π) mm⁻¹ (π, 2π, 5π) mm⁻¹ (π, 0.2π, 0.5π) mm⁻¹ 	
No, the answer is incorrect. Score: 0	
Accepted Answers: (0.2π , 0.5π , π) mm ⁻¹	

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