

ĐÁP ÁN KIỂM TRA HỌC KỲ I - NĂM HỌC 2020 - 2021

Môn : VẬT LÝ 12

PHẦN I. TRẮC NGHIỆM (24 câu - 6 điểm)

Đáp án mã đề: 401

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PHẦN II. TỰ LUẬN (4 câu - 4 điểm)

- Sai hay thiếu đơn vị: trừ 0,25 và trừ tối đa 0,5 điểm cho cả 3 bài toán.
- HS viết công thức đúng và có thể thay số trong công thức, dùng máy tính bấm và ghi kết quả: **cho đủ điểm.**
- HS có thể trình bày khác đáp án, nếu đúng vẫn cho đủ số điểm.
- Thiếu lời giải : -0.25 ,tối đa trừ 0.5 cho toàn bài

Câu 1 (1 điểm)	Xác định được $k = 5$ 0,25 $L = k\lambda/2$ 0,25 $\lambda = 32\text{cm}$ 0,25 $v = 32\text{m/s}$ 0,25	
Câu 2 (1 điểm)	$\lambda = v/f = 2\text{m}$0,25x2 $\Delta\varphi = 2\pi x/\lambda$ (hoặc lập luận) $\Rightarrow d = 0,5\text{m}$0,25x2	
Câu 3 (1 điểm)	$Z = \sqrt{R^2 + Z_c^2} = 200\sqrt{2} \Omega$0,25 $I_0 = \frac{U_0}{Z} = 1^{\text{a}}$0,25 $\tan\varphi = - Z_c /R = - 1 \Rightarrow \varphi = -\frac{\pi}{4}$0,25 $i = \cos(100\pi t + \pi/4)$ (A).....0,25	
Câu 4 (1 điểm)	Tính U, I và $\varphi = \varphi_U - \varphi_I$0,25x2 $P = UI \cos\varphi = 400(W)$0,25x2	

