1 point

NPTEL » Integrated Photonics	Devices and Circuits	Announcements	About the Course	Ask a Q
Course outline	Week 2: Assig	nment 2		
How does an NPTEL online course work?	The due date for submitting this assig	nment has passed.		
Week 0	As per our records you have not subn	nitted this assignment.		
MATLAB	Mark whether the following statemen	ts are True or False.		
Week 1	In a lossy dielectric medium, the relationships the relationships and the relationships are also as a second	efractive index is real.		
Week 2	○ True			
Fundamentals of Lightwaves:	O False			
EM Waves: Maxwell Equations and Plane Wave Solutions	No, the answer is incorrect. Score: 0 Accepted Answers: False			
 Fundamentals of Lightwaves: EM Waves: Wave Propagation in Lossy 	For an applied electric field, the contract True	onduction current inside a lossless die	electric medium is zero.	
Fundamentals of Lightwaves: EM Waves in Metals and Semiconductors	No, the answer is incorrect. Score: 0			
 Fundamentals of Lightwaves: EM Waves: Plasma Dispersion 	Accepted Answers: True			
Week 2: Lecture notes		splacement current inside a lossless	dielectric is zero.	
O Quiz: Week 2: Assignment 2	○ True ○ False			
 Week 2 Feedback Form: Integrated Photonics Devices and Circuits 	No, the answer is incorrect. Score: 0 Accepted Answers:			
Week 3	False			
Week 4	 The skin depth of a highly conduct 	tive medium ($\sigma \to \infty$), tends to zero.		
Week 5	○ True ○ False			
Week 6	No, the answer is incorrect.			
Week 7	Score: 0 Accepted Answers: True			
Week 8				
Week 9	5) For an EM plane wave in free space wave will be propagating in +x direction	ce, at a given instant of time if the orien.	entation of \dot{E} and H are in	+y and $-z$
	○ True			
Week 10	○ False			
Week 11	No, the answer is incorrect. Score: 0			
Week 12	Accepted Answers: False			
Download Videos	Which of the following is not corre	ect for a lossy dielectric medium?		
	$\epsilon_r \neq 1$			
	$\mu_r = 1$			
	$\sigma = 0$			
	$\rho_v = 0$			
	No, the answer is incorrect.			
	Score: 0 Accepted Answers:			

No, the answer is incorrect.

Accepted Answers: (Type: Range) 33.5,33.9

Score: 0

