ourses » Semicon	ductors Optoelectronics	
	Announcements <b>Course</b> Ask a Question Progress FAQ	
Jnit 14 - W	eek 12	
Register for Certification exam	Assessment 12	
Course outline	The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-04-24, 23:59 IST	
How to access the portal	Instructions:	
Self-assessment before course start	<ol> <li>Answer all questions; all questions carry equal mark.</li> <li>All symbols have their usual meanings.</li> </ol>	
Week 1	3. Only one of the options is correct	
Week 2	4. The 4th and 5th questions are "fill in the blank" type of questions. You are supposed to enter a numerical answer to fill the blank as given in the question. Your answer must be correct upto two decimal places (unless it is an integer).	
Week 3	5. You can see the correct answers after the last date of submission.	
Week 4	Note:	
Week 5	Marks obtained in this quiz will be counted towards your final score. You can take the quiz and submit it any number of times, and the latest submitted answers will be taken as your final submission.	
Week 6	Physical Constants:	
Week 7	m <sub>0</sub> = 9.11 x 10 <sup>-31</sup> kg; h = 6.627 x 10 <sup>-34</sup> J.s; e = 1.602 x 10 <sup>-19</sup> C; k <sub>B</sub> = 1.38 x 10 <sup>-23</sup> J/K	
Week 8	1) Which one of the following can lead to an increase in the rise time of <b>1</b> point	
Week 9	a photodetector?	
Week 10	Decrease in the junction capacitance	
Week 11	Increase in the responsivity	
Week 12	Decrease in the load resistance Decrease in the mobility of carriers	
AACCV TT	-	
Semiconductor	No, the answer is incorrect.	

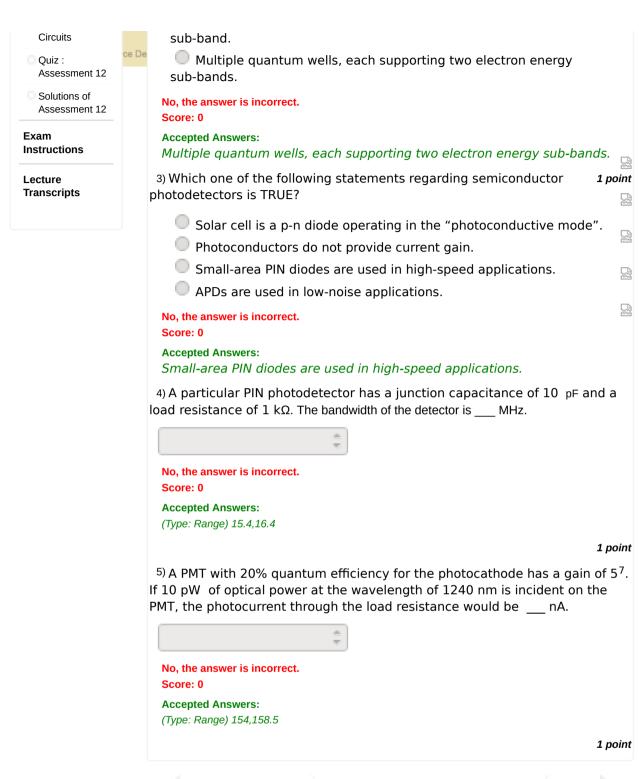
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