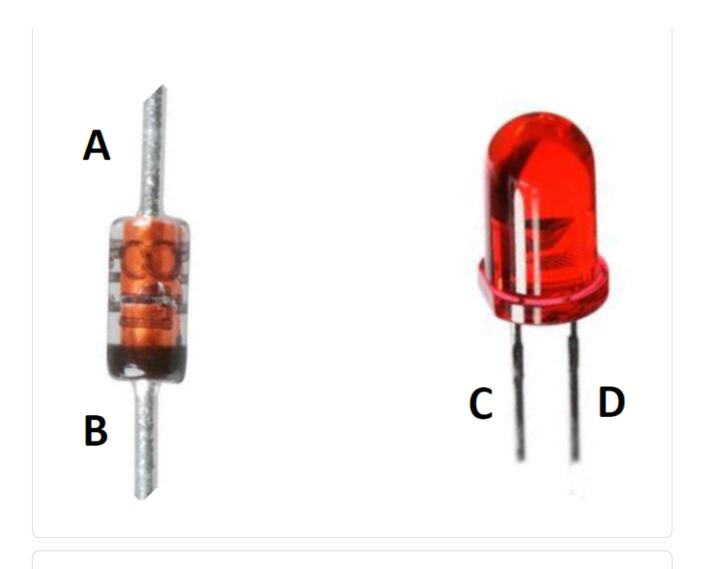
Quiz 06 Diode	總分 100/100 ?
NCTU EELAB Fall	
	0分,共0分
Class *	
Class	
O DEE222	
● DEE320	
Student ID *	
0710175	
Name *	
陳愉方	

Q1. Identify and mark the polarity of diodes below.

20分,共20分

2019/10/22 Quiz 06 Diode



✓ (A,B,C,D) = ? *

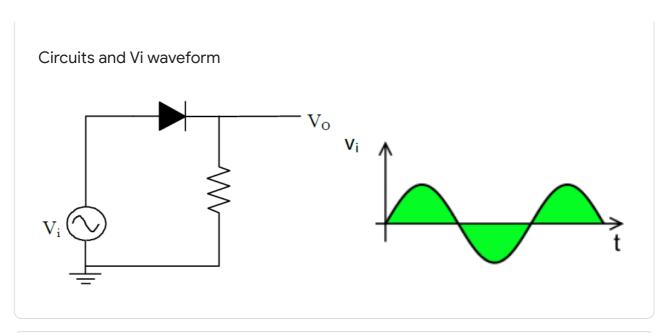
20/20

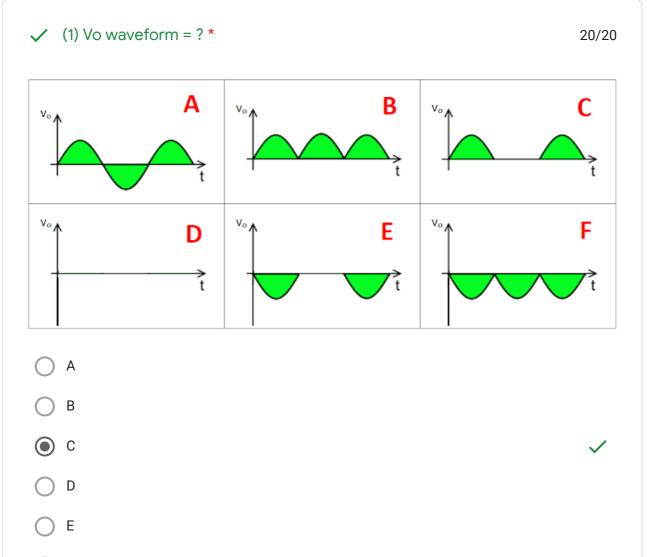
HINT: '+' means high potential; '-' means low potential.

- (A,B,C,D) = (+,-,+,-)
- (A,B,C,D) = (-,+,+,-)
- (A,B,C,D) = (+,-,-,+)
- (A,B,C,D) = (-,+,-,+)



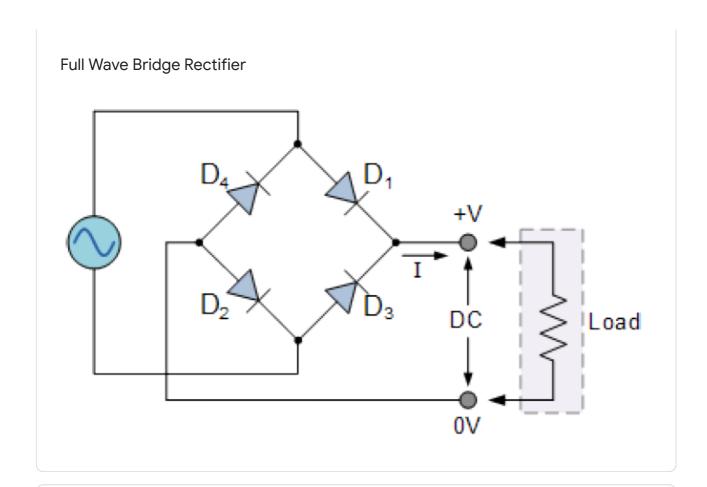
2019/10/22 Quiz 06 Diode





!

Q3. Following circuits are the full wave bridge rectifier, answer 60 分, 共 60 questions (1) to (4).



- \checkmark (1) During positive half-cycle, diodes $__$ and $__$ will turn on; on the 20/20 other hand, diodes ___ and ___ will turn on. *
- (D1,D2; D3,D4)
- (D1,D3; D2,D4)
- (D1,D4; D2,D3)
- (D3,D4; D1,D2)
- (D2,D4; D1,D3)
- (D2,D3; D1,D4)

2019/10/22 Quiz 06 Diode

> ✓ (2) When a diode is on, which means that it can be considered as 10/10 _; otherwise, a off-diode is considered as _____? * short circuit, open circuit open circuit, short circuit

(3) Based on answers of (1) and (2), choose the correct circuit during 15/15 positive half-cycle. * Load В Load

D

(4) Based on answers of (1) and (2), choose the correct circuit during 15/15 negative half-cycle. * В Α C D

這份表單是在 國立交通大學 中建立。

Google 表單