Assignment 1

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2018-08-15, 23:59 IST.

Consider the following molecules. Determine their symmetry point groups.

Try out more at: [http://symmetry.otterbein.edu/challenge/index.html](http://symmetry.otterbein.edu/challenge/index.html)

1) $\text{H}_3\text{C} \equiv \text{C} \equiv \text{CH}$

- $C_1$
- $C_{\infty h}$
- $C_3$
- $C_{3v}$

No, the answer is incorrect. Score: 0

Accepted Answers:
- $C_{3v}$

2)
No, the answer is incorrect.
Score: 0
Accepted Answers:
C₂₃
No, the answer is incorrect.
Score: 0
Accepted Answers:
C₂

4)
No, the answer is incorrect.
Score: 0
Accepted Answers: 
C₃

No, the answer is incorrect.
Score: 0
Accepted Answers: 
S₄

No, the answer is incorrect.
Score: 0
Accepted Answers: 
T₃
8)  

- C₂  
- D₂  
- C₂ᵥ  
- D₂d  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D₂d  

9)  

- D₃d  
- D₃  
- C₃ᵥ  
- C₃  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D₃  

10)  

- D₃d  
- D₃  
- C₃ᵥ  
- C₃  

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
D₃  

Symmetry and Group Theory - - Unit 2 - Week 1  
https://onlinecourses.nptel.ac.in/noc18_cy15/un...
No, the answer is incorrect.
Score: 0
Accepted Answers:
$C_i$