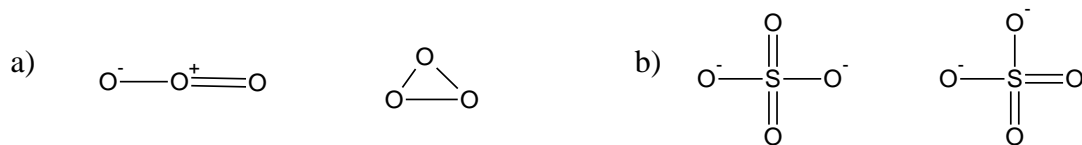


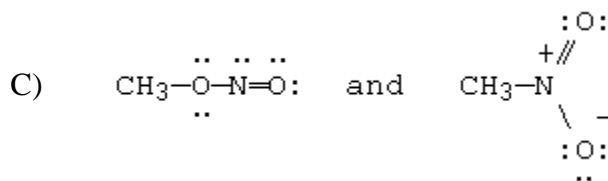
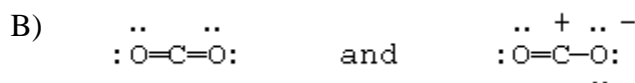
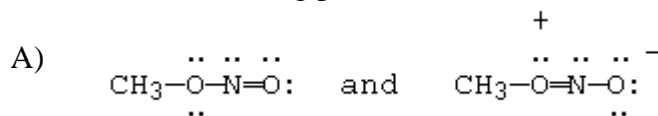
Power Point Study– 01 Resonance**Name:**

Answer these questions as you are watching the videos. These questions should help you focus on the important concepts in the particular topic.

- 1) Determine whether the following pairs of structures are different compounds or resonance structures of the same compound.

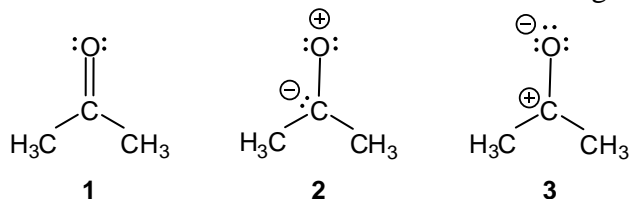


- 2) Which of the following pairs are NOT resonance structures?

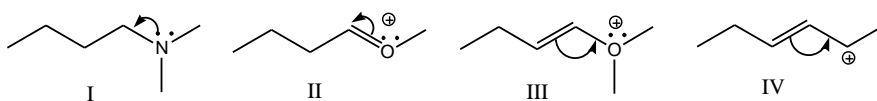


- D) Each of these pairs represents resonance structures.
E) None of these pairs represents resonance structures.

- 3) Circle the most stable resonance structure in the following:



- 4) Which of the following is/are in violation of movement of arrows?



- 5) Write the resonance structures of the following molecules/ions. Show the arrows to indicate movement of electrons.

