1) Name the following compounds:

(a)  
(b)  
(c)  

2) Draw structures for the following compounds:

(a) Acetone  
(b) Pyridine  
(c) Acetic acid  

3) Draw the structure and give the full names of the following:

(a) DMSO  
(b) DMF  
(c) THF  

4) Draw the appropriate structures and abbreviations of the following functional groups:

(a) cyano  
(b) ester  
(c) nitro  
(d) aldehyde  

5) Draw the lowest energy Newman projection along the indicated bond for each compound:

(a)  
(b)  