## 413.4 Exercise 1 – Naming organic compounds II

Name the following organic compounds:

1. H H

0

3.

CH<sub>3</sub>— CH<sub>2</sub>— C

CH<sub>3</sub>— CH<sub>2</sub>— C O CH<sub>3</sub>— CH<sub>2</sub>— C

4.

$$CH_3 - C$$
 $O - CH_2 - CH - CH_3$ 
 $CH_3$ 

5.

 $C_2H_5$  N  $C_2H_6$ 

7

OH | CH<sub>3</sub>—C —C≡N | CH<sub>3</sub> 8.

$$H \longrightarrow C \longrightarrow C \longrightarrow C \longrightarrow C$$

Draw displayed formulae for the following compounds:

- 9. butanoyl chloride
- 10. 2-hydroxyethanamide
- 11. ethanoic butanoic anhydride
- 12. ethyl 2-hydroxypropanoate
- 13. N-methylbutanamide
- 14. N- methyl, N-ethyl, 2-aminobutane
- 15. sodium 2-hydroxyethanoate
- 16. ethyldimethylammonium bromide