**ANSWERS: IUPAC naming (Level 3)**

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| 4-chloropentanal  *aldehyde* | 3-methylbutanamide  *amide* | 3-chlorobutanoyl chloride  *acyl chloride* | | | pentan-2-one  *ketone* |
| butanone  butan-2-one  *ketone* | 1 Hydroxyl (alcohol)  2 Amine/Amino  3 Amide/Peptide  4 Carboxylic acid | | 1. Carboxylic acid or carboxyl  2. Amine or aminoalkane  3. Amide  4. Ester | | |
| 3-chlorobutanone  *ketone* | methyl butanoate  *ester* | | | 3-hydroxy propanal / 3-hydroxyl propanal  *aldehyde* | |
| 4-methylpentan-2-one  *ketone* | propanamine / 1-aminopropane  *amine* | | | propanal  *aldehyde* | |
| ethanoyl chloride  *acyl chloride* | propanone  *ketone* | | | © <https://www.chemical-minds.com>  NCEA questions and answers reproduced with permission from NZQA | |