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

|  |  |  |  |
| --- | --- | --- | --- |
| 4-chloropentanal*aldehyde* | 3-methylbutanamide*amide* | 3-chlorobutanoyl chloride*acyl chloride* | pentan-2-one*ketone* |
| butanonebutan-2-one*ketone* | 1 Hydroxyl (alcohol)2 Amine/Amino3 Amide/Peptide4 Carboxylic acid | 1. Carboxylic acid or carboxyl 2. Amine or aminoalkane3. 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 |