

# WA1 – Amino Acids

Name:

Date:

1. What is the name of the type of bond which forms between amino acids?
2. Draw out the general structure of an amino acid.
3. Using the PDB database (<http://www.ebi.ac.uk/pdbe-srv/pdbechem/>) search for the amino acid 'tyrosine' under the field Molecule Name. Using the structure of tyrosine, draw the molecule as it would exist in:
  - a) neutral solution.

b) pH 2

c) pH 12

