

Chemguide – answers

DNA: THE GENETIC CODE

1. a) AAA and AAG
b) GGT, GGC, GGA and GGG (Remember that in DNA, the base T is used instead of U in RNA.)
c) Ser.Asn.Ala.Leu.Thr.Ser.Arg (stop)

In principle, part (c) is simple to do, but it is easy to make mistakes by getting lost in the long sequence of letters. I suggest you write them down again three at a time (to show the individual codons) and spaced out. In this case, as . . .

UCU AAU GCA UUG ACC UCU CGU UAG