

# C# and .NET

## 1 C# language

1. What is the syntax for creating:
  - (a) A namespace?
  - (b) A class?
  - (c) A method?
2. What should be added to a file to refer to classes in another namespace, without specifying the full name each time?
3. What does it mean to say a variable is in scope?
4. What are the four different modifier in C# and what are they used for?
5. What would you use to run a block of code
  - (a) A specific number of times?
  - (b) Once for each item in a collection?
  - (c) Until a condition becomes true?