Name: Class: Mark:

1. IDEs contain a number of features to help programmers when they are programming. One such feature is error diagnostics.

(a) Excluding, error diagnostics, explain **three** features of an editor in an IDE   
that help programmers to create and edit code. [6]

Feature 1:

Feature 2:

Feature 3:

2. An IDE allows a runtime environment to run the program whilst testing features of the IDE are available.

(a) Explain how an IDE can be used to find syntax errors before the program is run. [2]

(b) Describe how an IDE can be used to debug a program for logical errors. [4]

[Total marks 12]