1997 Paper 2 Question 9

Software Engineering II

You have been invited to start a project to build a program that will check ML programs to see whether they have any missing punctuation marks or other mistakes, so that this check can be performed before the ML code is passed forward for full execution. So far all you know about what is wanted is the above. Without concerning yourself with fine detail of how the checking will be implemented, identify and discuss:

(a) questions you might want to ask the client about his needs before deciding on any more details of your design;

(b) choices or options available to you when making a detailed project plan;

(c) ways of partitioning the whole job into a handful of separate modules that could be implemented more or less independently;

(d) plans for testing the code you write and determining whether, when notionally finished, it has met its objectives.

[20 marks]