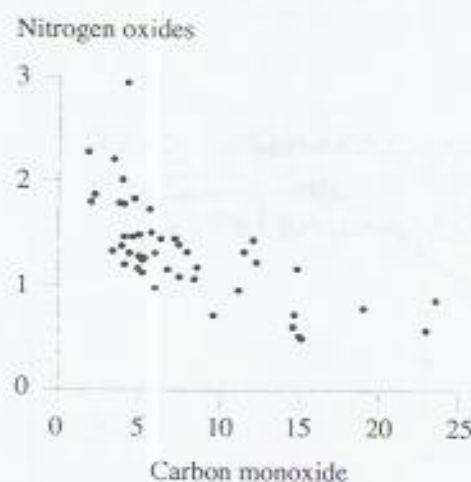


Question 3

Do not write
in this margin

The scatter plot in Figure 1 arose from a study of the pollutants emitted from the exhausts of 46 vehicles of the same model. Describe, in one or two sentences, the relationship between 'amount of carbon dioxide emitted' and 'amount of nitrogen oxides emitted' suggested by this graph.

[2]



*suggestive of an
exponential curve
distribution*

Figure 1

Question 4

A report printed the boxplot in Figure 2 for a sample of 100 waiting times. It also reported that the sample mean of the same sample was 12.7 seconds. Explain why you should be suspicious that an error has been made in the report.

[2]



Figure 2

There seems to be a lot of outliers