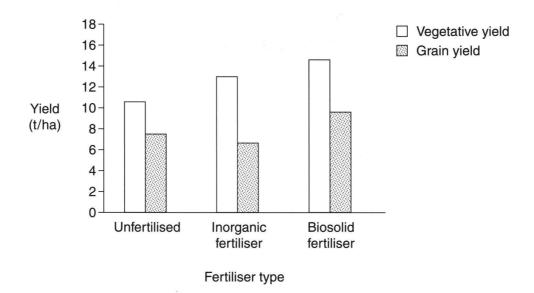
## Question 25 (7 marks)

Digested 'biosolid' (the solid residue produced from effluent) is being applied as a fertiliser as an alternative to inorganic fertilisers.

A study was carried out to investigate the effects of biosolid fertiliser on the growth and grain yield of maize. The level of vegetative yield (t/ha) and grain yield (t/ha) are shown.



(a) Explain why the grain yield from the application of inorganic fertiliser differed 3
from that of the control.

The inorganic for his en has given the good. Wegitalism yeild a greater yeild as it has guven it enough nubrients for plant grant. but not enough for grain development and may have brad chemicals that hindere! the grant of the grains.

**Question 25 continues on page 18** 

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Question 25 (continued)

**End of Question 25**