Marks

4

Question 18 (4 marks)

Investigators gathered data on a group of 100 smokers for a period of 10 years. During this time 12 people in the group developed lung cancer, two died in traffic accidents, and three died of heart attacks. The investigators used this data to state that smoking caused lung cancer.

Describe how this investigation could be improved. Smoking is something that causes mutations in DNA. By investigating the mobility and mortality rates their conclusions would improve Peoples estiles due to snoking may be very fferent after more yes that 10. Different people in different areas will have different kndencies and they also can be investigated. Promotions on smoking would an interesting effect and may cause to stop, during the 10yr period. How much they smoked and how strong the ciggarettes were! And also what DNA did they pass onto the next (Fz) generation? Did they inherit the mutated geres