

2005 Paper 8 Question 9

Bioinformatics

(a) Present the aim of Blast software:

(i) Describe in words how the algorithm works. [5 marks]

(ii) Describe the output of a Blast search. [5 marks]

(b) Describe the aim of microarray data analysis:

(i) Describe the format of microarray data. [2 marks]

(ii) Describe in words how a cluster algorithm works. [8 marks]