

Uva Wellassa University, Sri Lanka
End Semester Examination – June 2009
BIO 311-1 Biotechnology in Food Science



Time: One (01) hour

Total 03 Questions

Answer two (02) questions only

01)

a. What is biotechnology?

(10 marks)

b. Write an account on the applications of biotechnology in food science. Your answer should include at least four examples.

(40 marks)

02)

Compare and contrast the advantages and disadvantages of genetically modified (GM) crops.

(50 marks)

03)

Write a brief account on any two (02) of the following:

a. Application of genetic engineering in farm animals.

b. Global status of biotechnologically improved crops.

c. *Agrobacterium tumefaciens* mediated gene transfer.

(50 marks)