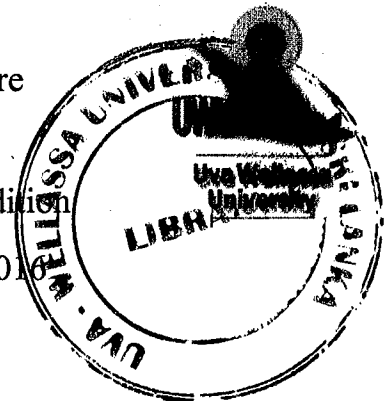


Uva Wellassa University  
Faculty of Animal Science & Export Agriculture  
B.Sc. in Export Agriculture  
B.Sc. in Tea Technology & Value Addition  
B.Sc. in Palm & Latex Technology and Value Addition

End Semester Examination January / February 2018  
Year II Semester II

Basic Genetics (EAG 213- 2)



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**Instructions**

Answer all questions.

No. of questions : Two (02)

No. of pages : One (01)

Total marks allocated : 50%

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**PART III - ESSAY**

**Question 01**

(25 Marks)

Discuss how cell division process controls genetic continuity with constant chromosome number of a cell in growth and development of an individual and in reproduction.

**Question 2**

(25 Marks)

Most of the economically important traits are polygenic traits. Explain different types of polygenic traits using examples.