

BSc in Tea Technology and Value Addition
Third Year First Semester Examination – June/July 2017

Advanced Tea Physiology (TEA 311-2)
Section II – Essay Questions

Instructions:

Answer all questions in the given booklet.

No. of questions : Two (02)

No. of pages : One (01)

Time : One (01) hour

Total marks allocated :60%

01. Discuss the key factors affecting photosynthesis, dry matter production and partitioning in tea.

(40 marks)

02. A researcher wanted to compare leaf temperatures of two Tea Cultivars, A and B grown in the same field. He found that the leaf temperature of Cultivar A was significantly greater than that of Cultivar B. Discuss the possible reasons for the observed variation in the leaf temperature between two cultivars.

(20 marks)

[End of section III]