

BSc in Tea Technology and Value Addition
Third Year First Semester Examination – July/August 2018

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

Instructions:

Answer any two (02) of the following questions in the given booklet.

No. of questions : Three (03)

No. of pages : One (01)

Time : One (01) hour

Total marks allocated : 60%

01. Discuss the factors that influence on the rate of transpiration in tea.
(50 marks)
02. (I) Briefly explain the difference between “Clean pruning” and “Lung Pruning” in Tea.
(10 marks)
- (II) Briefly discuss the physiological issues associated with “Clean Pruning”
(15 marks)
- (III) Briefly discuss the importance of lungs and root reserves in the recovery from pruning especially at low elevations.
(25 marks)
03. (I) Briefly explain how the severity of harvesting influences the Harvest Index (HI) of Tea.
(20 marks)
- (II) Discuss the factors that affect on biomass partitioning of tea.
(30 marks)

[End of section II]