

Eastern University, Sri Lanka

Faculty of Science

First Year Second Semester Examination in Science – 2016/2017 (April / May 2019)

BT 1061, Non-Vascular Plant Diversity

Answer all questions

Time: 01 Hour

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(1) (a) Distinguish between.

- (i) Sorus and Spermata
- (ii) Hapteron and Trichogyne
- (iii) Capitulum and Coenobium
- (iv) Pseudopodium and Hormogonium

(b) Compare haplobiontic haploid life-cycle with dibiontic life-cycle giving suitable examples

(50 Marks)

(2) Compare the life cycle of *Pellia* with *Pogonatum*

(50 Marks)