

THE OPEN UNIVERSITY OF SRI LANKA  
 B. Sc. /B. Ed. DEGREE PROGRAMME – LEVEL 5  
 FINAL EXAMINATION 2015/2016  
 BOTANY



PLANTS AND MAN - (BOU3103/BTU3104/BOE5103/BTE5104)

DURATION: TWO (2) HOURS.

DATE: 12<sup>th</sup> July 2016

TIME: 1.00 p.m. – 3.00 p.m.

ANSWER ANY FOUR (04) QUESTIONS.

01. a) Describe the botanical features of family Fabaceae (Leguminosae).  
 b) Discuss the economic importance of the family Fabaceae (Leguminosae).
02. a) What are beverages?  
 b) State the criteria used in the classification of beverages.  
 c) Mention the steps involved in the preparation of Black tea and describe the processes taken place at each step.
03. Write a brief account on **any two (02)** the following;
  - a) Medicinal plants.
  - b) Essential oils.
  - c) Fruits and vegetable fruits.
04. a) What are plant fibers?  
 b) Briefly describe the criteria used in classification of plant fibers.  
 b) Describe the methods used in extraction of plant fibers.
05. Briefly describe the economic product/s obtained from the following plants and state their uses.
 

a) <i>Cannabis sativa</i> L.	c) <i>Vitis vinifera</i> L.
b) <i>Zea mays</i> L.	d) <i>Heavea brasiliensis</i> L.
06. Write short notes on the following.
  - a) Spice plants.
  - b) Vegetable oils.