

**THE OPEN UNIVERSITY OF SRI LANKA**  
**B.Sc. /B. Ed. DEGREE PROGRAMME – LEVEL 5**  
**FINAL EXAMINATION 2013/2014**  
**BOTANY**



**PLANTS AND MAN - (BOU 3103/BTU 3104/BOE 5103/BTI 5104)**

**DURATION: TWO (2) HOURS.**

**DATE: 19<sup>TH</sup> JUNE 2014**

**TIME: 1.00 p.m. – 3.00 p.m.**

**ANSWER ANY FOUR (04) QUESTIONS.**

01. Providing examples, discuss the economic importance of the family Fabaceae (Leguminosae) other than the food value.
02. a) What are vegetable oils?  
b) Emphasizing source, major characteristics and uses, briefly discuss the different types of oils obtained from plants.
03. Write an account on **any two (02)** the following.
  - a) Latex obtained from plants.
  - b) Sources of spices.
  - c) Fruit vegetables.
04. State the product/s obtained and briefly discuss their economic importance the following plants.
  - a) *Camelia sinensis* L.
  - b) *Zea mays* L.
  - c) *Gossypium herbaceum* L.
  - d) *Tamarindus indica* L.
05. Mention the plant family and botanical name of the following plants and list the major product/s obtained from each with their uses.
  - a) Tobacco
  - b) Potato
  - c) Tomato
  - d) Banana
06. Write short notes on the following.
  - a) Tropical fruits.
  - b) Alcoholic beverages.

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