

**THE OPEN UNIVERSITY OF SRI LANKA**  
**B.Sc./B. Ed. DEGREE PROGRAMME - LEVEL 05**  
**FINAL EXAMINATION 2007/2008**



27

**BOTANY**

**BTU 3104/BTE 5104 – PLANTS AND MAN**

**DURATION : TWO AND A HALF (2 – ½ ) HOURS.**

**DATE : 12<sup>th</sup> January 2008**

**TIME: 1.00 p.m. – 3.30. p.m.**

Answer **any four** (04) of the following questions.

01. Giving examples write an essay on the economic importance of the family Fabaceae (Leguminosae) highlighting the botanical features of the family.
02. Write short notes on the following:
  - a) Preparation of wine
  - b) Spices obtained from seeds
  - c) Harvesting and processing of cocoa.
03. Write an account of tropical plants which provide dessert fruits indicating also the type of fruit, the nutritive value, the propagation methods and harvesting.
04. Give the scientific name and the family of the following plants and briefly discuss their economic importance.
  - a) Cotton
  - b) Rubber
  - c) Hemp
  - d) Clove
  - e) Tobacco
05.
  - a) What are essential oils?
  - b) Briefly describe how the essential oils are extracted.
  - c) Discuss the importance of essential oils to man.
06. Write an essay on “root crops”.

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