

THE OPEN UNIVERSITY OF SRI LANKA

B.Sc./B. Ed. DEGREE PROGRAMME - LEVEL 05

FINAL EXAMINATION 2008/2009

BOTANY

BTU 3104/BTE 5104 – PLANTS AND MAN

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



282

DATE : 08th January 2009

TIME: 1.00 p.m. – 3.30. p.m.

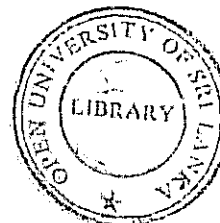
Answer **any four** (04) of the following questions.

01. "Family Solanaceae includes a number of plants of economic importance"

Comment on this statement.

02. Write briefly on **any two** of the following.

- a) Fatty oils from plants.
- b) Alcoholic beverages.
- c) Fumitories and Masticatories.



03. (i) Give the Botanical name and the family of each of the following plants.

- (a) Tomato (b) Pineapple
- (c) Barley (d) Flax (e) Soya Bean

(ii) How they are propagated?

(iii) What part/parts of these plants are economically important?

(iv) Briefly explain the economic importance of these plants.

04. Briefly describe the processes involved in the following-

- (a) Production of black tea.
- (b) Production of wine
- (c) Extraction of essential oils from plants

05. Write an account of three spice plants grown on a commercial scale in Sri Lanka.

Your answer should include the morphological features of each species, plant parts from which the species are obtained and their uses.

06. Write an essay on the main sugar producing plants in the world.

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