

THE OPEN UNIVERSITY OF SRI LANKA
B. Sc. /B. Ed. DEGREE PROGRAMME – LEVEL 5
FINAL EXAMINATION 2014/2015
BOTANY



PLANTS AND MAN - (BOU3103/BTU3104/BOE5103/BTI 5104)

DURATION: TWO (2) HOURS.

DATE: 13TH MAY 2015

TIME: 1.00 p.m. – 3.00 p.m.

ANSWER ANY FOUR (04) QUESTIONS.

01. "Comparatively the family Poaceae (Graminae) is considered as the most important source of starch in the world". Discuss the statement.
02. a) What are natural fibers?
b) Highlighting the source, major characteristics and uses, briefly discuss the different types of fibers obtained from plants.
03. Write an account on **any two (02)** of the following.
 - a) Process of beer production.
 - b) Classification of spices.
 - c) Root vegetables.
04. Name the economic product/s of the following plants and state their uses.
 - a) *Hevea brasiliensis* Muell. Arg.
 - b) *Cocos nucifera* L.
 - c) *Glycine max* (L.) Merr.
 - d) *Nicotiana tabacum* L.
 - e) *Saccharum officinale* L.
05. State the family and botanical name of the following plants and name the major product/s obtained from each plant with their uses.
 - a) Ground nut (peanut)
 - b) Potato
 - c) Sunflower
 - d) Grape
 - e) Orange
6. Write short notes on the following.
 - a) Non-alcoholic beverages.
 - b) Essential oils.

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