

THE OPEN UNIVERSITY OF SRI LANKA
B. Sc./B. Ed. DEGREE PROGRAMME – LEVEL 5
FINAL EXAMINATION 2017/2018
BOTANY



PLANTS AND MAN - (BYU5303/ BYE5303/ /BOU3103)

DURATION: TWO (2) HOURS.

DATE: 27th September 2018

TIME: 1.30 p.m. – 3.30 p.m.

ANSWER ANY FOUR (04) QUESTIONS.

01. "Comparatively, the family Poaceae (Graminae) is the principal source of starches among the other plant sources." Providing examples justify this statement.
02.
 - a) What are vegetable oils?
 - b) State the basis of the classification of vegetable oils.
 - c) Citing examples with plant families and botanical names, discuss briefly the economic importance of vegetable oils.
03. Write an account on any **two (02)** the following.
 - a) Masticatories and fumitories.
 - b) Fruits and fruit vegetables.
 - c) Root and tuber crops.
04. Giving examples, write an essay on spices of plant origin.
05. Briefly describe the economic importance of the following plants.

a) <i>Cocos nucifera</i> L.	c) <i>Gossypium herbaceum</i> L.
b) <i>Arachis hypogea</i> L.	d) <i>Linum usitatissimum</i> L.
06. Write short notes on the following.
 - a) Under-utilized beverage plants in Sri Lanka.
 - b) Sugar producing plants.