THE OPEN UNIVERSITY OF SRI LANKA
B. Sc. /B. Ed. DEGREE PROGRAMME – LEVEL 5
FINAL EXAMINATION 2018/2019
BOTANY
PLANTS AND MAN - (BYU5303/ BYE5303/ /BOU3103)



DURATION: TWO (2) HOURS.

DATE: 5th January 2020

TIME: 1.30 p.m. - 3.30 p.m.

ANSWER ANY FOUR (04) QUESTIONS.

- 01. "The family Fabaceae (Leguminoceae) includes multipurpose plant species of economic importance." Citing examples using botanical names, review this statement.
- 02. a) What are plant fibers?
 - b) State the criteria used in the grouping of plant fibers.
 - c) Providing examples with plant family and botanical names, write a brief account on the economic importance of plant fibers.
- 03. Write short noted on any two (02) of the following.
 - a) Spices of plant origin.
 - b) Essential oils.
 - c) Sugar producing plants.
- 04. a) State the steps involved in the production of black tea.
 - b) Briefly describe the processes taken place at each step stated in 04 (a).
- 05. Briefly describe the economic importance of the following plants.
 - a) Gossypium herbasiumL.
- c) Nicotiana tabacum L.
- b) Glysine max (L.) Merr.
- d) Heavea brasiliensisL.
- 06. Write brief account on the following.
 - a) Traditional beverage plants in Sri Lanka.
 - b) Under-utilized tuber crops in Sri Lanka.

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