

THE OPEN UNIVERSITY OF SRI LANKA
B. Sc. DEGREE PROGRAMME
BOTANY – LEVEL 05
BTU 3104 / BTE 5104 – PLANTS AND MAN



ASSESSMENT TEST 01 (NO BOOK TEST)

DURATION: ONE (01) HOUR

DATE: 02ND OCTOBER 2010

TIME: 4.00 P. M. – 5.00 P.M.

Answer all questions.

Registration No.

01. Fabaceae (Leguminosae) is considered as one of the most economically important families of flowering plants.

i) Give reasons.

a.
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b.
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c.
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d.
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(3)

e.
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ii) Describe the most prominent botanical characters of the family.

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iii) Give the common names and botanical names of three major pulses and their largest producers in the world.

a. Name:.....

Producers:

b. Name:

Producers:

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c. Name:

Producers:

02. The common names of plants used for variety of purposes are given below (i to v). Give their botanical names, family, major economic use and part/s uses.

i. Rice

Botanical Name:

Family:

Major Economic use:

Plant part/s use:

ii. Cow pea

Botanical Name:

Family:

Major Economic use:

Plant part/s use:

iii. Potato

Botanical Name:

Family:

Major Economic use:

Plant part/s use:

iv. Finger millet

Botanical Name:

Family:

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Major Economic use:

Plant part/s use:

03. The term "root crops" is generally referred to the group of plants with plant parts forming underground storage organs.

i. Give two examples of a root crop in which storage is the:

a) Leaves

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b) Root

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.....

c). Stem

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ii) Explain the uses of the examples given in (i) a, b, c.

a)
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b)
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c)
.....

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iii). Give three examples root crops that produced in non-commercial scale in Sri Lanka.

a) Common name:
Botanical Name:
Uses:

b) Common name:
Botanical Name:
Uses:

c) Common name:
Botanical Name:
Uses:

4.

a. Define the term "fruit".

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b) Give the classification of simple fruits.

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c) Give the botanical name and the family of the following fruits.

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i. Pine apple

Botanical Name:

Plant Family:

ii. Mango

Botanical Name:

Plant Family:

iii. Avocado

Botanical Name:

Plant Family:

iv. Soursop

Botanical Name:

Plant Family:

v. Guava

Botanical Name:

Plant Family:

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