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INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO  
DEGREE OF BACHELOR OF AYURVEDA MEDICINE AND SURGERY  
LEVEL II - FIRST SEMESTER EXAMINATION  
JANUARY - FEBRUARY 2020  
DV 2105 - CULTIVATION AND PROPAGATION OF MEDICINAL PLANTS

EXAMINATIONS  
16 JAN 2020  
University of Colombo

Date: 16.01.2020  
Time: 1½ hours  
(9.45 a.m. - 11.15 a.m.)

Index No

Answer all questions.

Part I - Structured Questions

1. Define and write one example for propagation through modified organs

a. Sucker:

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b. Tuber:

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c. Rhizome:

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(3x4 marks)

2.

2.1 Write **4 factors** for the cultivation of medicinal plants with examples for seedling protection of plant nursery **(4 marks)**

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2.2 Write 4 most important events during the cultivation and propagation of medicinal plants in commercial scale with justifications. **(4 marks)**

Event	Justification

2.3 Briefly explain Seed dormancy with 2 examples. **(5 marks)**

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2.4 Briefly explain Seed viability with 2 example **(5 marks)**

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**Part II - Essay Questions**

**1. Describe the propagation of ONE NAMED plant cuttings under EACH of the following headings:**

(10 x 2 marks)

- a. Collection of cutting material
- b. Preparation of cuttings up to insertion

**2. Write short notes on followings;**

- a. Propagation through layering with example. (10 marks)
- b. Benefits of the commercial propagation of medicinal plants on Ayurvedic/traditional medical practice. (10 marks)