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8.20/10

College of Horticulture, VCSG Uttarakhand University of Horticulture and Forestry
Bharsar, Pauri Garhwal (Uttarakhand)-246123

Mid Term Exam. 2016-17 | **B. Sc. (Hort.) 2nd Year 2nd Sem.**
Course Title: Spices and Condiments | **Course No.:** HPM 200
Credit Hours: 2+1 | **Max Marks:** 10.00
Date of Exam: 03/05/2017 | **Time:** 9.50-10.40 am
Id. No.: 15023

Eshwar Negi

Note: All questions are compulsory. Give the answer of the question 1 on question paper.

1. Fill in the blanks: (0.25 x 12= 3.0)

i. 4.5 - 6 soil pH is ideal for black pepper cultivation.
ii. Myristicaceae is a family of *Myristica fragrans*.
iii. Pepper berries are ready for harvesting in 180 - 200 days.
iv. Capsules of small cardamom soaked in Washing Soda for retain original green colour.
v. 14 % moisture level is optimum in dried capsule of large cadamom.
vi. Cinnamon of commerce is the dried bark of Cinamomum tamalla (Botanical Name).
vii. Rhizome is maturity index of turmeric.
viii. CIM Hariyali is a variety of Rosemary.
ix. Nizamabad and Alleppey are trade name of cured turmeric.
x. Small cardamom is also known as queen of spices.
xi. Rio-de-Janeiro is a variety of Ginger.
xii. Nityasree is a variety of Cinnamon.

2.40

2. Write short notes: (0.5 x 6 = 3.0)

i. Training and pruning of black pepper
ii. Green ginger
iii. Planting technique of Nutmeg
iv. Post harvest management of turmeric
v. Jaiphal and Javitri
vi. Propagation of large cardamom

3. Explain the following sentences: (0.25 x 4 = 1.0)

i. Banana as an intercrop is not recommended beyond 3-4 years after planting of pepper.
ii. Evergreen forest soil rich in nitrogen.
iii. Heavy rainfall area's soil acidic in nature.
iv. Light soil requires frequent and light irrigation.

4. Define harvesting and post harvest management of large cardamom. (1.0)
5. Explain propagation methods of rosemary. (1.0)
6. Explain post harvest management of small cardamom. (1.0)

Ans- 2 Training & pruning of black pepper.

Black pepper is a shade loving plants or climber. It require proper shade in initial. In early stage of pepper some practice are followed training & pruning in initial phase generally old dry and diseased part of paper are removed

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