

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Forestry Degree Programme 2013 Admission

VIth Semester Final Examination-July 2016

Cat. No: Fmau.3212

Marks: 50.00

Title: Utilization of Non –Timber Products (1+1)

Time: 2 hours

I Fill up the blanks

(10 x 1 =10)

1. The method of extracting fibers from one another is technically known as _____
2. Annato dye of commerce is obtained from the seeds of _____
3. Yellow silk cotton tree is scientifically known as _____
4. Salai gum is obtained from _____
5. Strychnine ,which is a powerful poison derived from _____
6. Lac is secreted by the lac insect _____
7. _____ is a indispensable ingredient in the preparation of chewing pan
8. Scientific name of small cardamom is _____
9. Palmarosa oil is the product of _____
10. Botanical name of beedi leaves is _____

II Write short notes ANY FIVE

(5 x 2 =10)

1. What is poison? Mention about some of the poison yielding species
2. List out the some of the root dyes and their important and local uses
3. List out the some of the wood dye yielding species and their uses
4. List out the some of fibre yielding species
5. Brief about Rill Method of resin tapping
6. What are the properties and uses of shellac
7. List out the some of the fodder yielding species

III. Explain ANY FIVE of the following

(5 x 4 =20)

1. Classify the forest products based on their commercial important along with examples
2. Explain about grading ,properties and uses of turpentine oil and resin
3. Explain about pruning and inoculation method of lac cultivation
4. List out six leaf drug yielding species
5. Differentiate between resin, oleoresin and gum resin with examples of each
6. List out the flower and fruit dyes and their uses
7. Write about waxes ,tans and dyes and their uses

IV. Write essay on ANY ONE

(1 x 10=10)

1. Explain the modified method of extraction of Cutch and Kath
2. Narrate the sources, collection and processing of beedi leaves
