



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Forestry 2016 Admission
V Semester Final Examination-January 2019

Fopu.3104

Non-Timber Forest Products (2 +1)

Marks: 50
Time: 2 hours

I Fill in the blanks:

(10x1=10)

- 1 An oil is "essential" in the sense that it contains the _____ of the plant's fragrance.
- 2 Fixed oils are the compound of _____ and _____
- 3 _____ is biggest bamboos of India
- 4 _____ chemical is used for bleaching of cane
- 5 Ghatti gum is obtained from _____
- 6 The fibre obtained from the fruit husk of the coconut tree is called _____
- 7 Musk odour essential oil is extracted from _____
- 8 Fats contain _____ acid

State True or False

- 9 Essential oils are non-flammable
- 10 Resin is soluble in water

II Write Short notes on ANY FIVE of the following

(5x2=10)

- 1 Uses of resin
- 2 Uses of gums
- 3 Coir
- 4 Wood tans
- 5 Formation of gum
- 6 Difference between Fixed oils and fat
- 7 Resin yielding trees in India (**any four**)

III Answer ANY FIVE of the following

(5x4=20)

- 1 Classification of fixed oils.
- 2 Dye – definition and its classification.
- 3 Storage of essential oil
- 4 Canes.
- 5 Tapping method of gums.
- 6 Role of essential oil in plant.
- 7 Classification of gums –resin.

IV Answer ANY ONE of the following

(1x10=10)

- 1 Harvesting and processing of beedi leaves.
- 2 Different methods of cutch and katha extraction
