



KERALA AGRICULTURAL UNIVERSITY
B.Sc.(Hons).Forestry 2017 Admission
IV Semester Final Examination-July 2019

Narm.2205

Forest Management (2+1)

Marks: 50
Time: 2 hours

(10x1=10)

I Fill up the blanks

- 1 Compartments are preferably designated by _____ numbers
- 2 Working plan will be generally prepared for the period of _____
- 3 Which formula is also called as formula of 'glorious simplicity' _____
- 4 The smallest permanent working plan unit of management is _____
- 5 A felling area, usually one of an annual series is called _____
- 6 Point of intersection of CAI & MAI curves indicates _____
- 7 Rotation followed in industrial plantations are _____
- 8 _____ an expression of the relation between the increment and volume
- 9 As per the forest policy of 1988, no forest should be permitted to be worked without a proper _____
- 10 National Commission on Agriculture first used the term 'Social Forestry' in the year _____

II Write short notes on ANY FIVE of the following.

(5x2=10)

- 1 Reserved forest.
- 2 Functional classification of Indian Forests.
- 3 Rotation of Highest Income.
- 4 Price increment.
- 5 Importance of Sustainable Forest Management (SFM) in modern forestry.
- 6 Objectives of yield regulation.
- 7 Types of maps used in forest management (**any four**).

III Answer any FIVE of the following.

(5x4=20)

- 1 Objectives and special objectives of forest management.
- 2 Principles of sustained yield- its advantages and disadvantages.
- 3 Concept of progressive yield and how we can achieve this goal.
- 4 Relationship between CAI and MAI with the help of diagram.
- 5 Working plan- Definition, objectives and important characteristics of a good working plan.
- 6 Why people's participation is important in managing the forest in India? Describe the role of JFM in this regard.
- 7 Objectives and essentials of forest management given in National Forest Policy, 1988.

IV Answer any ONE of the following

(1x10=10)

- 1 Origin, importance and different components of social forestry programme in India.
- 2 Factors affecting the rotation of forest species and explain the types of rotation in forestry.
