

**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc (Hons.) Forestry Degree Programme.2014 Admission.**  
**IV<sup>th</sup> Semester Final Examination- August.2016**

Cat. No: Fmau.2205

Marks: 50

Title: Forest Management, Policy and Legislation (2+1)

Time: 2 hours

**I Fill up the blanks**

(10 x 1=10)

1. Kerala Forest Act was enacted during \_\_\_\_\_ year.
2. India's republic formulated its first national forest policy during \_\_\_\_\_ year.
3. In \_\_\_\_\_ year the environment (protection) Act was passed.
4. The rotation that coincides with the natural lease of life of the tree is \_\_\_\_\_.
5. \_\_\_\_\_ is called an annual felling area in clear felling system of management.
6. The productivity of Indian forest is \_\_\_\_\_.
7. Forest conservation act was enacted in the year \_\_\_\_\_.
8. \_\_\_\_\_ and \_\_\_\_\_ are the legal classification of Indian forests.
9. \_\_\_\_\_ is the MAI of a fast growing species..
10. \_\_\_\_\_ is the first conservator of India.

**II Write short notes on any FIVE.**

(5 x 2=10)

1. Write the pre-requisites for sustained yield management-scope and limitations.
2. What is the effect of thinning on volume increment?
3. What is conversion period? How it differs from production period?
4. Application of De Liocourt's Law.
5. What is joint forest management? Explain the concept and Scope of JFM.
6. What is forest maps and explain the different types of forest maps and uses?
7. Explain the salient features of the international timber trade agreement.

**III Write short essay on any FIVE**

(5 x 4=20)

1. Explain the different methods of determining Normal growing stock.
2. Write the role of modern tools in working plan preparation.
3. Mention different kinds of rotation and explain factors governing choice and length of rotation.
4. How increment is classified? Explain diagrammatically the relationship between CAI and MAI.
5. Write the salient feature of National Wild life Action plan.
6. Define the concepts of rights and obligation and explain its relevancy to forest.
7. Write on the significance of Indian Forest Act,1927

**IV Write Essay on any ONE**

(1 x 10=10)

1. Compare the forest policies of 1894, 1952,1988.
2. Trace the history of forest management from traditional to recent.

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