



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Forestry 2015 Admission
V Semester Final Examination-February-2018

Fmau.3108

Forest Protection (1+1)

Marks: 50
Time: 2 hours
(10x1=10)

I Fill in the blanks

- 1 Repeated lopping make trees -----prone
- 2 Forest fire spreading slowly over the ground with low flame is called-----
- 3 Acoustic screens are stripes of forests developed around-----
- 4 Removal of tree crops without the intention of reforestation is called -----
- 5 The most common chemical used in chemical bombing is-----
- 6 Parks and sanctuaries are established mainly to conserve-----
- 7 -----is the number of cattle that can safely graze in an area.
- 8 As a preventive measure lopped material should be used only for -----
- 9 Reduction in leaf size and crippledness in forest trees are due to-----
- 10 -----eat up all the leaf leaving the midrib and veins intact.

II Write Short notes on ANY FIVE of the following

(5x2=10)

- 1 Fruit belts
- 2 Shifting cultivation.
- 3 Taungya cultivation
- 4 Controlled burning.
- 5 Counter firing
- 6 Grazing capacity
- 7 Fire breaks

III Answer ANY FIVE of the following

(5x4=20)

- 1 How does mining results in destruction of forests?
- 2 Discuss the factors responsible for encouraging encroachment.
- 3 Briefly mention the advantages/disadvantages of shifting cultivations.
- 4 Discuss the factors that encouraged conversion of forest land for non-forestry purposes.
- 5 Discuss the advantages of raising green belt around industrial areas?
- 6 What is chemical bombing? How is it done and where?
- 7 What practical measures can be suggested to check forest encroachment?

IV Write an essay on ANY ONE of the following

(1x10=10)

- 1 What are the advantages and disadvantages of fire lines? Discuss the modern firefighting techniques employed using computer and electronic gadgets?
- 2 What is shifting cultivation? When, where and how is it being done? Is it being followed now also? Where?
