



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

Narm. 3108

FOREST PROTECTION (1+1)

Marks: 50
Time: 2 hours

- I Fill in the blanks:** **(10x1=10)**
- 1 measures are taken prior to the occurrence of damage.
 - 2 an act of un authorized possession of some forest land.
 - 3 Maintenance of fire lines, fire tracks are fire control method
 - 4 Loss of valuable resource and depletion of carbon sinks areeffects of forest fire
 - 5 weeds are the weeds which cover large area in least time and cause severe damage.
 - 6 is an act of removal of forest from a land without the intention of reforesting it.
 - 7cultivation refer to the cyclic cultivation involving removal and burning of vegetation to create a non permanent clearing which are followed in forest areas at varying length of time
 - 8measures are carried out to circumscribe the damage when it has already occurred
 - 9law is made for specific purpose in special field.
 - 10 protection is a discipline of forestry that uses disparate method to protect forest which are threatened by abiotic and biotic threat.
- II Write Short notes on ANY FIVE of the following** **(5x2=10)**
- 1 Factors responsible for fire
 - 2 Illicit felling
 - 3 Encroachment
 - 4 Lopping
 - 5 Weed control methods
 - 6 Classification of forest fire
 - 7 Harmful effect of forest fire
- III Answer ANY FIVE of the following** **(5x4=20)**
- 1 Importance of forest protection
 - 2 Forest legislation
 - 3 Forest health
 - 4 Management of weeds in forest
 - 5 Concept of carrying capacity
 - 6 Shifting cultivation
 - 7 Basic Fire fighting system
- IV Answer ANY ONE of the following** **(1x10=10)**
- 1 Role of forest protection
 - 2 Forest fire control strategies in India
