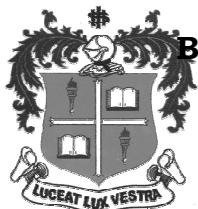


LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY & PLANT BIO-TECH.

FIFTH SEMESTER – APRIL 2013

PB 5410 - FORESTRY

Date : 08/05/2013

Dept. No.

Max. : 100 Marks

Time : 1:00 - 4:00

Part – A

(20 marks)

Answer the following, each within 50 words

(10 x 2 = 20 marks)

1. Give the features of mangrove forest.
2. What is allelopathy?
3. Name any two reserve forests and give their functions.
4. Bring out the grazing practices in conservation of forests.
5. Comment on tendings.
6. Write short notes on agroforestry.
7. Mention the applications of remote sensing.
8. List any four good qualities of timber.
9. Comment on WWF.
10. Give the significance of ICFR & E.

Part – B

Answer the following, each answer within 500 words. Draw diagrams and flowcharts wherever necessary
(5 x 7 = 35 marks)

11. (a) Describe the factors that determine the forest types.
(or)
(b) Write short notes on community concepts in forest ecosystem.
12. (a) Explain the methods of forest preservation.
(or)
(b) Write details on the forest deterioration by its enemies.
13. (a) Discuss plant succession in forests.
(or)
(b) Give details on social forestry and its implications.
14. (a) Enumerate and explain the techniques of forest management.
(or)
(b) List out the minor products of forests. Add a note on their uses and taxonomic position.
15. (a) Outline the National Forest Policy.
(or)
(b) Explain various acts in forest conservation.

Part – C

Answer any THREE of the following, each within 1200 words, draw diagrams and flowcharts wherever necessary. (3 x 15 = 45 marks)

16. Bring out the various ecological interactions found among the biotic components of forest.
17. Explain the causes and prevention of forest fire.
18. Write in detail the artificial methods of forest regeneration.
19. What is forest mensuration? How it is followed?
20. Critically comment on Forestry versus Indian economy.
