



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – PLANT BIOLOGY AND PLANT BIOTECHNOLOGY

FIFTH SEMESTER – APRIL 2017

PB 5410- FORESTRY

Date: 03-05-2017
01:00-04:00

Dept. No.

Max. : 100 Marks

Part- A

(10 x 2 = 20 marks)

Answer the following, each within 50 words.

1. Define evapotranspiration.
2. List out any four importance of forest.
3. What are national parks?
4. What is poaching?
5. Distinguish between natural and artificial regeneration of forest.
6. What is agroforestry?
7. Enlist the objectives of forest inventory.
8. What is mean annual increment?
9. Define forest economics.
10. Write short note on Indian Forest Act, 1927.

PART - B

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

11. a. Give a brief account on factors determining forest types.
(or)
b. Briefly describe the forest ecosystem.
12. a. Give an account of destructive forces and agencies responsible for deforestation.
(or)
b. Mention the role of tribals in forest preservation.
13. a. Briefly write about establishment and maintenance of nursery.
(or)
b. Give an account of silviculture.
14. a. Write the importance of remote sensing in forest management.
(or)
b. Outline the procedure you would adopt to measure the diameter, girth and height of a tree.
15. a. Expand ICFRE. Add a note on its contribution to Indian forestry.
(or)
b. Write notes on Wild life Protection Act, 1972 and Forest conservation Act, 1980

PART C

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

16. Write detailed notes on Indian forest types.
17. Explain in detail about Forest protection.
18. Write detailed notes on practices, methods and benefits of social forestry.
19. Give a detailed account on utilization of minor and major forest products.
20. Describe Indian forest policy.

\$\$\$\$\$\$\$\$