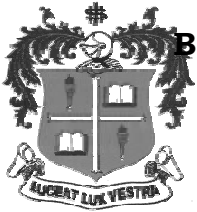


**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**



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

**FIFTH SEMESTER – NOVEMBER 2013**

**PB 5410 - FORESTRY**

Date : 15/11/2013  
Time : 9:00 - 12:00

Dept. No.

Max. : 100 Marks

**PART – A**

*Answer the following, each within 50 words*

*(10 x 2 = 20)*

1. What are forests?
2. List the abiotic components in forests.
3. Mention any four objectives of reforestation.
4. Define Biosphere reserves.
5. What is agro – forestry?
6. List out the methods of vegetative production in nursery.
7. What are the methods used for age determination of trees?
8. How can wood be preserved?
9. Mention the Wildlife Protection Act of 1972.
10. Give the economic value of forests.

**PART – B**

*Answer the following, each within about 500 words only. Draw diagrams and flowcharts wherever necessary:*

*(5 x 7 = 35)*

11. (a) List out the factors responsible for destruction of forests.  
Or  
(b) Describe any five of the forest types in India.
12. (a) Mention the injuries of forests due to diseases and their control measures.  
Or  
(b) Discuss the role of tribals in forest preservation.
13. (a) Write briefly on social forestry.  
Or  
(b) Give a brief account of silviculture.
14. (a) Write short notes on harvesting and seasoning of wood.  
Or  
(b) Describe the methods to study the form of trees.
15. (a) Write short notes on forest conservation.  
Or  
(b) Write briefly on economics as applied to forestry.

**PART – C**

*Answer any three of the following, each within 1200 words. Draw diagrams and flowcharts wherever necessary.*

*(3 x 15 = 45)*

16. Give an account on the economically important timber-yielding trees of the forest.
17. Describe in detail on the causes, effects and preventive measures of forest fires.
18. Give a detailed account on nursery techniques in silviculture.
19. Write in detail on forest management.
20. Discuss the forest and wildlife laws in India.

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